

Field Sampling Summary Report
For
NYCHA – Marlboro House The Campaign Against Hunger (TCAH)
Greenhouse
2295 West 11th Street
Brooklyn, New York

DDC PROJECT NO. HAM17GHSE

Prepared for:



Office of Environmental and Hazmat Services
30-30 Thomson Avenue, Third Floor
Long Island City, New York 11101

Prepared by:

LANGAN

Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
360 West 31st Street, 8h Floor
New York, New York 10001

WASTE CHARACTERIZATION REPORT ADDENDUM

for

**MARLBORO AGRICULTURAL EDUCATION CENTER
2295 – 2231 West 11th Street
Brooklyn, New York
CEQR No. 22CHA001K
DDC PROJECT No. HAM17GHSE**

Prepared For:

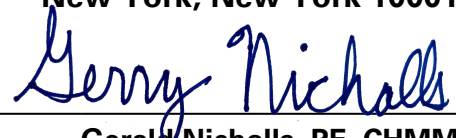
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For Submittal To:

**New York City Department of Design and Construction
Office of Environmental and Hazmat Services
30-30 Thomson Avenue, 3rd Floor
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LANGAN

**August 23, 2024
Langan Project No. 170702901**

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1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this addendum to the 23 June 2024 Waste Characterization Report in support of the Marlboro Agricultural Education Center redevelopment project located on the western part of Block 7140, Lot 16 in Brooklyn, New York (the site).

This addendum to the Waste Characterization Report presents environmental data and findings from the supplemental hazardous lead- and semivolatile organic compound (SVOC)-impacted soil delineation within the southern part of the site. The purpose of the supplemental investigation was to: 1) delineate hazardous lead-impacted soil and soil with elevated SVOC concentrations identified during previous investigations at the site, 2) provide information to assist in evaluating construction costs related to the handling and disposal of excess soil generated during redevelopment; and 3) assist the selected Contractor in obtaining off-site receiving facility pre-approvals for disposal of excavated material.

This report documents soil characterization and includes a description of the site background and sampling methodology, a sample location map, a sample summary, tabulated summaries of analytical results, boring logs, and laboratory analytical data packages. Additional sampling may be necessary to comply with the sampling frequency and analytical requirements of Contractor-selected disposal facilities. Any additional sampling and laboratory testing will be the responsibility of the excavation contractor.

2.0 SITE BACKGROUND

2.1 Site Description

The site is located at 2295 – 2231 West 11th Street in the Gravesend neighborhood of Brooklyn, New York and is identified on the Brooklyn Tax Map as part of Block 7140, Lot 16. The site is about 70,000 square feet (1.6 acres) in area and comprises part of the larger 22.4-acre Marlboro Houses complex owned by the New York City Housing Authority. The site is bound by outdoor recreation areas and residential buildings associated with the larger Marlboro Houses complex to the north, east, and south, and West 11th Street followed by residential properties to the west. The site is improved with an at-grade, asphalt-paved parking lot that occupies the entire site footprint.

The surrounding area is primarily characterized as an urban area with multi-story residential and mixed-use residential, commercial, and institutional buildings. A site location map is included as Figure 1.

According to a 31 August 2020 Topographical & Property Line Map prepared by NV5 (2020 Topo Map), the site is generally flat with elevations (el) that range from about el 8 in the northwestern part of the site to el 9 in the southwestern part of the site.

2.2 Previous Investigations

Between 13 and 14 February 2023, LiRo Engineers, Inc. (LiRo) conducted a Phase II Environmental Site Investigation (ESI) at the site to compile and evaluate data necessary to develop a remedial action plan. The 31 March 2023 Phase II ESI Report prepared by LiRo identified impacts associated with the presence of non-native fill across the site, including SVOCs and metals (lead) at concentrations above the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the New York Codes, Rules, and Regulations (6 NYCRR) Part 375 Restricted Use-Restricted Residential (RURR) and Commercial Use Soil Cleanup Objectives (SCO).

The Phase II ESI included collection of composite samples from 0 to 6 feet below grade surface (bgs) from individual soil borings. Three soil borings, SB01, SB03, and SB05, were located within the proposed excavation area. Lead-impacted soil was identified in the 0 to 6 feet bgs composite sample at boring SB05 in the southwestern part of the site at concentrations exceeding the 6 NYCRR Part 371 and Resource Conservation and Recovery Act (RCRA) Toxicity Characteristic Regulatory Levels for Hazardous Waste.

Langan completed a waste characterization and hazardous lead-delineation soil sampling event between 20 and 21 May 2024 to further characterize soil at the site and to delineate hazardous lead-impacted soil identified during the February 2023 ESI by LiRo. Langan advanced 11 soil borings for waste characterization and/or hazardous lead delineation purposes at targeted depths extending to between 10 and 30 feet bgs. Sample locations were based on the anticipated

excavation and drilling depths and volumes and intended to provide waste characterization data to support future off-site disposal.

Laboratory analytical results were compared to the following criteria:

- The NYSDEC 6 NYCRR Part 375-6.8(b) RURR SCOs
- Toxicity Characteristic Leaching Procedure (TCLP) sample results were compared to the United States Environmental Protection Agency (USEPA) RCRA 40 Code of Federal Regulations Part 261.24 Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic.

Total and TCLP lead were not detected in any of the soil samples above the relevant regulatory criteria; however, fourteen SVOCs were detected at concentrations exceeding the RURR SCOs in composite sample WC01_COMP_0-6. Based on the detected concentrations of SVOCs in composite sample WC01_COMP_0-6, 15 subsequent grab samples from 5 soil borings (SB05_R, SB05_N_10, SB05_E_10, SB05_S_10, and SB05_W_10) at depth intervals between 0 and 6 feet bgs were analyzed for SVOCs to identify a potential source of SVOCs contributing to the elevated detections in WC01_COMP_0-6. Composite sample WC01_COMP_0-6 was also reanalyzed by the lab for SVOCs, only.

One or more of up to seven SVOCs were detected at concentrations exceeding the RURR SCOs in eight grab samples (SB05_E_10_0-2, SB05_E_10_2-4, SB05_E_10_4-6, SB05_N_10_0-2, SB05_N_10_2-4, SB05_N_10_4-6, SB05_S_10_0-2, and SB05_S_10_4-6) and the rerun analysis of composite sample WC01_COMP_0-6 (Rerun sample ID: WC01_COMP_0-6_R).

Based on the elevated concentrations of SVOCs in select soil samples from the May 2024 Waste Characterization, Langan remobilized in July 2024 to further delineate the extent of hazardous lead- and SVOC-impacted soil at the site.

The May 2024 waste characterization sample summary is included in Table 1, and the analytical results are summarized in Tables 2 through 4. The waste characterization soil boring logs are provided in Attachment 1 and laboratory analytical reports are provided in Attachment 2.

3.0 SUPPLEMENTAL SVOC/HAZARDOUS LEAD DELINEATION SAMPLING

Langan completed supplemental hazardous lead- and SVOC-delineation sampling on 8 July 2024. Lakewood Environmental Services, Corp. of Smithtown, New York (Lakewood) advanced 8 soil borings using a track-mounted Geoprobe 6610 DT direct-push drill rig and a 3-inch-diameter hand auger. Langan characterized and documented the borings and collected soil samples. Soil boring locations are shown on Figure 2.

3.1 Soil Boring Methodology

Lakewood advanced 8 soil borings at targeted locations for hazardous lead and SVOC delineation purposes to a depth of about 8 feet bgs. Sample locations were based on the analytical results of soil collected during Langan’s May 2024 waste characterization and intended to provide waste characterization data to support future off-site disposal.

Soil borings were advanced using a hand auger to about 5 feet bgs, followed by a Geoprobe 6610 DT direct-push drill rig from about 5 feet bgs to the boring termination depth at 8 feet bgs. Recovered soil from the 0- to 5-foot hand-augured interval was placed on dedicated plastic sheeting alongside the boring of origin. Soil boring intervals deeper than 5 feet bgs were advanced with the drill rig, and soil samples were collected into MacroCore samplers lined with 4-foot-long dedicated acetate sleeves. Extracted soil was screened with a photoionization detector equipped with a 10.6 electron volt lamp, inspected for visual and olfactory evidence of contamination, and classified by Langan field personnel. After sample collection, soil borings were backfilled with inert soil cuttings. The soil boring logs are provided in Attachment 1.

3.2 Soil Sampling Methodology

Fifteen grab samples were collected and submitted for laboratory analysis. An additional 20 grab soil samples and 1 composite sample were collected and placed on hold with the laboratory for potential analysis pending the preliminary sample analytical results. The composite soil sample was created by homogenizing five discrete grab samples from four soil borings within the 0- to 6-foot interval for a supplemental waste characterization sample.

Soil samples were containerized in laboratory-supplied glassware, placed in ice-chilled coolers, transported under standard chain-of-custody protocol via courier service to Pace Analytical Laboratories, Inc., a New York State Department of Health Environmental Laboratory Approval Program-certified laboratory (ID No. 11148) in Westborough, Massachusetts. A sample collection summary of the May 2024 waste characterization samples and subsequent July 2024 delineation samples is provided as Table 1.

The grab soil samples were analyzed for the following parameters:

- Total and TCLP lead and TCL/NYSDEC Part 375 list SVOCs

4.0 FIELD OBSERVATIONS AND ANALYTICAL RESULTS

4.1 Subsurface Observations

The site stratigraphy consists of surficial non-native fill followed by native clay and sand. The non-native fill was comprised of sand, gravel, silt, and clay with varying amounts of concrete, brick, wood (lumber), glass, metal, slag, and organics extending from surface grade to boring termination (about 8 feet bgs). Bedrock was not encountered during the supplemental investigation. Field evidence of petroleum or chemical impacts was not observed in any of the soil borings. Groundwater was not encountered during the supplemental investigation. Soil boring logs are included as Attachment 1.

4.2 Soil Analytical Results

Laboratory analytical results were compared to the following criteria:

- The NYSDEC 6 NYCRR Part 375-6.8(b) RURR SCOs
- TCLP sample results were compared to the USEPA RCRA 40 Code of Federal Regulations Part 261.24 Table 1 – Maximum Concentration of Contaminants for the Toxicity Characteristic.

A summary of the soil analytical results is presented below:

- SVOCs: One or more of up to seven SVOCs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenz[a,h]anthracene, and indeno[1,2,3-cd]pyrene) were detected at concentrations exceeding the RURR SCOs in twelve grab samples (SB05_E_4_0-2, SB05_E_4_2-4, SB05_E_4_4-6, SB05_E_7_0-2, SB05_E_7_2-4, SB05_E_7_4-6, SB05_N_4_0-2, SB05_S_4_0-2, SB05_S_4_2-4, SB05_S_4_4-6, SB05_W_4_2-4, and SB05_W_4_4-6) at depth intervals between 0 and 6 feet bgs.
- Total Lead: Lead was detected at concentrations exceeding the RURR SCO in six grab samples (SB05_E_4_2-4, SB04_E_7_2-4, SB05_S_4_0-2, SB05_S_4_2-4, SB05_S_4_4-6, and SB05_W_4_0-2).
- TCLP Metals: TCLP lead was detected at a concentration of 5.02 milligrams per liter in sample SB05_E_4_2-4, which exceeds the RCRA hazardous limit.

The May 2024 waste characterization and July 2024 analytical results are summarized in Tables 2 through 4. Laboratory analytical reports are provided in Attachment 2.

5.0 CONCLUSIONS

The following are conclusions based on the waste characterization sampling:

- Excavated soil/fill generated during site development shall be transported and disposed of in accordance with New York State Solid Waste Regulations (6 NYCRR Part 360, effective 4 November 2017), and must comply with the 17 June 2024 Remedial Action Plan (RAP), prepared by Langan. Based on the analytical results of the July 2024 supplemental investigation and previous investigations at the site, soil/fill proposed for excavation contains analytes at concentrations exceeding the RURR SCOs and therefore, cannot be reused on site.
- Hazardous waste (i.e., excavated soil/fill with concentrations exceeding the Maximum Concentration of Contaminants for the Toxicity Characteristic) is present at the site, as identified in soil boring SB05_E_4 during the supplemental investigation and in soil boring SB05 in the 31 March 2023 Phase II ESI, prepared by LiRo Engineers. Hazardous waste should be handled, stored, and transported to a disposal or treatment facility that is permitted to accept this material in accordance with applicable local, state, and federal regulations, including 6 NYCRR Part 360 and Part 373.

6.0 LIMITATIONS

This report was prepared expressly for Consigli Construction, Inc. and for the objectives defined herein. Langan cannot assume responsibility for the use of this report for any property other than the specific property addressed in this report, or by any third party without specific written authorization from Langan.

The design of our sampling program is not intended to meet the specific requirements of all receiving facilities and the selected waste disposal contractor may be required to perform additional soil sampling and analysis based on the facilities that the Contractor selects for soil disposal. The sampling frequency and analytical parameter list are conservative and based on typical receiving facility requirements.

The results provided in this report are based on subsurface conditions ascertained from the analysis of a limited number of samples. Recommendations provided are contingent upon one another and no recommendation should be followed independent of the others. Actual conditions encountered may differ substantially from those presented herein and should be promptly brought to the attention of the owner and to Langan. Based on the facility selected or on field observations during construction, the Contractor may be required to collect additional samples and have additional laboratory analysis completed. Langan is in no way responsible for the waste characterization grid, including marking out, maintaining, or ensuring the accuracy of the grid. Handling, characterizing, marking out areas, excavating, transporting, and disposing of material is solely the responsibility of the Contractor.

FIGURES



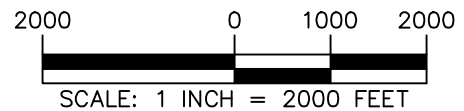
LEGEND

 APPROXIMATE SITE BOUNDARY

NOTES

1. BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES QUADRANGLE MAP OF CONEY ISLAND, NEW YORK AND THE NARROWS, NEW YORK AND NEW JERSEY, DATED 2016.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.



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Project
**MARLBORO
AGRICULTURAL
EDUCATION CENTER**
BLOCK No. 7140, LOT No. 16
BROOKLYN
KINGS NEW YORK



Figure Title
**SITE LOCATION
MAP**


Project No.
170702901
Date
6/17/2024
Drawn By
LPG
Checked By
PM

Figure No.
1
Sheet 1 of 2

WEST 11TH STREET

LEGEND

-  APPROXIMATE SITE BOUNDARY
-  PROPOSED EXCAVATION TO ABOUT 4 FEET BGS

SB05_W_4 

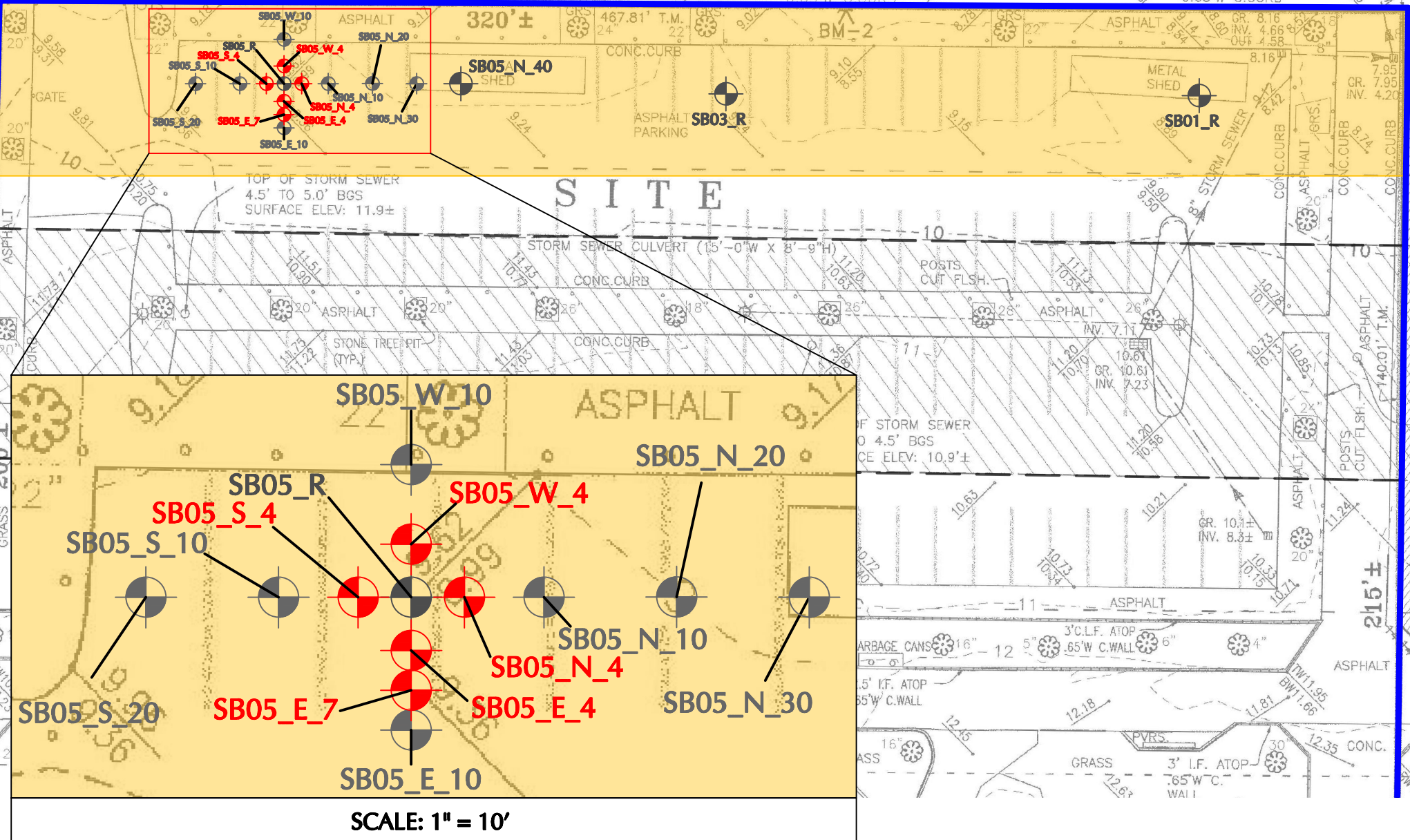
APPROXIMATE HAZARDOUS LEAD AND SVOC DELINEATION SOIL BORING LOCATION (JULY 2024, LANGAN)

SB05_E_10 

APPROXIMATE HAZARDOUS LEAD DELINEATION SOIL BORING LOCATION (MAY 2024, LANGAN)

SB01_R 

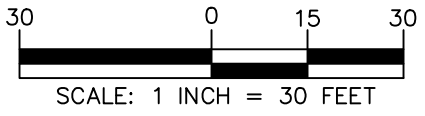
APPROXIMATE DRILLING SPOILS SOIL BORING LOCATION (MAY 2024, LANGAN)



NOTES

1. BASE MAP IS REFERENCED FROM 31 AUGUST 2020 "TOPOGRAPHICAL & PROPERTY LINE MAP", PREPARED BY NV5.
2. FOUNDATION PLAN REFERENCED FROM THE 1 FEBRUARY 2023 FOUNDATION PLAN PREPARED BY STUDIO GANG.
3. ALL SAMPLE LOCATIONS, SITE FEATURES, AND BOUNDARIES ARE APPROXIMATE.

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Project
MARLBORO AGRICULTURAL EDUCATION CENTER
 BLOCK No. 7140, LOT No. 16
 BROOKLYN NEW YORK
 KINGS

Figure Title
WASTE CHARACTERIZATION SAMPLE LOCATION MAP

Project No.
 170702901
 Date
 7/25/2024
 Drawn By
 LPG
 Checked By
 PM

Figure No.
2
 Sheet 2 of 2

TABLES

**Table 1
Waste Characterization Report Addendum
Sample Summary Table**

**Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Lagan Project No.: 170702901**

Sample Location	Sample Depth Interval (feet bgs)	Type	Boring IDs	Sample Interval (feet bgs)	Sample Name	Analysis
SOIL - MAY 2024 - LEAD DELINEATION						
SB05_R	0 to 10 feet bgs	Grab	SB05_R	0-2	SB05_R_0-2	Part 375/TCL SVOCs, Total and TCLP Lead
				2-4	SB05_R_2-4	
				4-6	SB05_R_4-6	
				6-8	SB05_R_6-8	
SB05_E_10		Grab	SB05_E_10	0-2	SB05_E_10_0-2	Part 375/TCL SVOCs, Total and TCLP Lead
				2-4	SB05_E_10_2-4	
				4-6	SB05_E_10_4-6	
SB05_W_10		Grab	SB05_W_10	0-2	SB05_W_10_0-2	Part 375/TCL SVOCs, Total and TCLP Lead
				2-4	SB05_W_10_2-4	
				4-6	SB05_W_10_4-6	
SB05_N_10		Grab	SB05_N_10	0-2	SB05_N_10_0-2	Part 375/TCL SVOCs, Total and TCLP Lead
				2-4	SB05_N_10_2-4	
	4-6			SB05_N_10_4-6		
SB05_S_10	Grab	SB05_S_10	0-2	SB05_S_10_0-2	Part 375/TCL SVOCs, Total and TCLP Lead	
			2-4	SB05_S_10_2-4		
			4-6	SB05_S_10_4-6		
SOIL - MAY 2024 - WASTE CHARACTERIZATION						
SB05_R, SB05_N_10, SB05_S_10, SB05_E_10, SB05_W_10	0 to 6 feet bgs	Composite	SB05_R, SB05_N_10, SB05_S_10, SB05_E_10, SB05_W_10	0-6	WC01_COMP_0-6	Part 375/TCL SVOCs, PCBs, Pesticides, Herbicides, Part 375/TAL Metals (including hexavalent and trivalent chromium), Total Cyanide, TCLP Metals, RCRA Characteristics
		Composite (Rerun)*	SB05_R, SB05_N_10, SB05_S_10, SB05_E_10, SB05_W_10	0-6	WC01_COMP_0-6_R	Part 375/TCL SVOCs
		Grab	SB05_R	4-6	SB05_R_4-6	Part 375/TCL VOCs, NJDEP EPH
SB05_N_40, SB05_S_20, SB05_N_20, SB05_N_30	0 to 6 feet bgs	Composite	SB05_N_40, SB05_S_20, SB05_N_20, SB05_N_30	0-6	WC02_COMP_0-6	Part 375/TCL SVOCs, PCBs, Pesticides, Herbicides, Part 375/TAL Metals (including hexavalent and trivalent chromium), Total Cyanide, TCLP Metals, RCRA Characteristics
		Grab	SB05_N_40	4-6	SB05_N_40_4-6	Part 375/TCL VOCs, NJDEP EPH
SOIL - MAY 2024 - DRILLING SPOILS						
SB01_R, SB03_R, SB05_R, SB05_N_40	6 to 30 feet bgs	Composite	SB01_R, SB03_R, SB05_R, SB05_N_40	6-30	DS01_COMP_6-30	Part 375/TCL SVOCs, PCBs, Pesticides, Herbicides, Part 375/TAL Metals (including hexavalent and trivalent chromium), Total Cyanide, TCLP Metals, RCRA Characteristics
		Grab	SB05_N_40	20-22	SB05_N_40_20-22	Part 375/TCL VOCs, NJDEP EPH
SOIL - JULY 2024 - HAZARDOUS LEAD AND SVOC DELINEATION						
SB05_N_4	0 to 8 feet bgs	Grab	SB05_N_4	0-2	SB05_N_4_0-2	Part 375/TCL SVOCs, Total and TCLP Lead
				2-4	SB05_N_4_2-4	
				4-6	SB05_N_4_4-6	
SB05_S_4		Grab	SB05_S_4	0-2	SB05_S_4_0-2	Part 375/TCL SVOCs, Total and TCLP Lead
				2-4	SB05_S_4_2-4	
				4-6	SB05_S_4_4-6	
SB05_E_4		Grab	SB05_E_4	0-2	SB05_E_4_0-2	Part 375/TCL SVOCs, Total and TCLP Lead
				2-4	SB05_E_4_2-4	
				4-6	SB05_E_4_2-6	
SB05_E_7		Grab	SB05_E_7	0-2	SB05_E_7_0-2	Part 375/TCL SVOCs, Total and TCLP Lead
				2-4	SB05_E_7_2-4	
				4-6	SB05_E_7_4-6	
SB05_W_4	Grab	SB05_W_4	0-2	SB05_W_4_0-2	Part 375/TCL SVOCs, Total and TCLP Lead	
			2-4	SB05_W_4_2-4		
			4-6	SB05_W_4_4-6		

Notes:

1. Part 375 list taken from Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (6 NYCRR) New York State Department of Environmental Conservation (NYSDEC) Part 375
 2. TCL - Target Compound List
 3. VOC - Volatile organic compound
 4. SVOC - Semivolatile organic compound
 5. PCB - Polychlorinated biphenyl
 6. TAL - Target Analyte List
 7. RCRA - Resource Conservation and Recovery Act
 8. bgs - below grade surface
 9. TCLP - Toxicity Characteristic Leaching Procedure
 10. EPH - Extractable Petroleum Hydrocarbon
- * - Waste characterization composite sample WC01_COMP_0-6 was submitted for re-analysis of Part 375/TCL SVOCs.

Table 2
Waste Characterization Report
Grab Soil Sample Analytical Results
Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: Z2CHA001K
Langan Project No.: 170702901

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Residential SCOs	Location	SB05_E_10	SB05_E_10	SB05_E_10	SB05_E_4	SB05_E_4	SB05_E_4	SB05_E_7	SB05_E_7	SB05_E_7	SB05_N_10	SB05_N_10	SB05_N_10	SB05_N_4	SB05_N_4	SB05_N_4	SB05_N_40	SB05_N_40	
			Sample Name	SB05_E_10_0-2	SB05_E_10_2-4	SB05_E_10_4-6	SB05_E_4_0-2	SB05_E_4_2-4	SB05_E_4_4-6	SB05_E_7_0-2	SB05_E_7_2-4	SB05_E_7_4-6	SB05_N_10_0-2	SB05_N_10_2-4	SB05_N_10_4-6	SB05_N_4_0-2	SB05_N_4_2-4	SB05_N_4_4-6	SB05_N_40_4-6	SB05_N_40_20-22	
			Sample Date	05/21/2024	05/21/2024	05/21/2024	07/08/2024	07/08/2024	07/08/2024	07/08/2024	07/08/2024	07/08/2024	07/08/2024	05/21/2024	05/21/2024	05/21/2024	07/08/2024	07/08/2024	07/08/2024	05/20/2024	05/20/2024
			Sample Depth	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6	4-6	4-6	20-22
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Petroleum Hydrocarbons																					
Petroleum Hydrocarbons (C09-C12) Aliphatic	PHCC9C12AL	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Petroleum Hydrocarbons (C10-C12) Aromatics	PHCC10C12ARO	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Petroleum Hydrocarbons (C12-C16) Aliphatic	PHCC12C16AL	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Petroleum Hydrocarbons (C12-C16) Aromatics	PHCC12C16ARO	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Petroleum Hydrocarbons (C16-C21) Aliphatic	PHCC16C21AL	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Petroleum Hydrocarbons (C16-C21) Aromatics	PHCC16C21ARO	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Petroleum Hydrocarbons (C21-C36) Aromatic	PHCC21C36ARO	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Petroleum Hydrocarbons (C21-C40) Aliphatic	PHCC21C40AL	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total Extractable Petroleum Hydrocarbons	TEPH	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.1	1,270	
Metals																					
Lead	7439-92-1	400	mg/kg	104	237	188	204	628	225	174	424	49.4	49.9	195	151	361	350	21.7	NA	NA	
General Chemistry																					
Solids, Percent	SOLID	NS	Percent	94.3	89.4	83.4	93.5	91.8	90.6	92.6	89.6	85.8	94.8	93	90	93.8	94.4	92	94.7	28.6	

Table 2
Waste Characterization Report
Grab Soil Sample Analytical Results
Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Analyte	CAS Number	NYSDEC Part 375 Restricted-Residential SCOs	Location	SB05_R	SB05_R	SB05_R	SB05_R	SB05_S_10	SB05_S_10	SB05_S_10	SB05_S_4	SB05_S_4	SB05_S_4	SB05_W_10	SB05_W_10	SB05_W_10	SB05_W_4	SB05_W_4	SB05_W_4
			Sample Name	SB05_R_0-2	SB05_R_2-4	SB05_R_4-6	SB05_R_6-8	SB05_S_10_0-2	SB05_S_10_2-4	SB05_S_10_4-6	SB05_S_4_0-2	SB05_S_4_2-4	SB05_S_4_4-6	SB05_W_10_0-2	SB05_W_10_2-4	SB05_W_10_4-6	SB05_W_4_0-2	SB05_W_4_2-4	SB05_W_4_4-6
			Sample Date	05/20/2024	05/20/2024	05/20/2024	05/20/2024	05/21/2024	05/21/2024	05/21/2024	07/08/2024	07/08/2024	07/08/2024	05/21/2024	05/21/2024	05/21/2024	07/08/2024	07/08/2024	07/08/2024
			Sample Depth	0-2	2-4	4-6	6-8	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4	4-6
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Petroleum Hydrocarbons																			
Petroleum Hydrocarbons (C09-C12) Aliphatic	PHCC9C12AL	NS	mg/kg	NA	NA	<42.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (C10-C12) Aromatics	PHCC10C12ARO	NS	mg/kg	NA	NA	<28.5 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (C12-C16) Aliphatic	PHCC12C16AL	NS	mg/kg	NA	NA	49.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (C12-C16) Aromatics	PHCC12C16ARO	NS	mg/kg	NA	NA	<42.8 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (C16-C21) Aliphatic	PHCC16C21AL	NS	mg/kg	NA	NA	148	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (C16-C21) Aromatics	PHCC16C21ARO	NS	mg/kg	NA	NA	274	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (C21-C36) Aromatic	PHCC21C36ARO	NS	mg/kg	NA	NA	772	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Petroleum Hydrocarbons (C21-C40) Aliphatic	PHCC21C40AL	NS	mg/kg	NA	NA	463	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Extractable Petroleum Hydrocarbons	TEPH	NS	mg/kg	NA	NA	1,710	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals																			
Lead	7439-92-1	400	mg/kg	214	223	31.3	185	245	176	117	406	414	548	37.4	155	227	585	244	152
General Chemistry																			
Solids, Percent	SOLID	NS	Percent	90	91.4	92.7	82.6	93.6	80.8	89.2	93	94.5	78.6	96.6	78.3	78.2	93	92.3	89.8

Table 2
Waste Characterization Report
Grab Soil Sample Analytical Results

Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Notes:

CAS - Chemical Abstract Service

NS - No standard

mg/kg - milligram per kilogram

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Grab sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 3
Waste Characterization Report
Composite Soil Sample Analytical Results

Marlboro Agricultural Education Center
 Brooklyn, New York
 CEQR Site No.: 22CHA001K
 Langan Project No.: 170702901

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	DS01	WC01	WC01	WC02
			Sample Name	DS01_COMP_6-30	WC01_COMP_0-6	WC01_COMP_0-6_R	WC02_COMP_0-6
			Sample Date	05/20/2024	05/21/2024	05/21/2024	05/20/2024
			Sample Depth	6-30	0-6	0-6	0-6
			Unit	Result	Result	Result	Result
Semivolatile Organic Compounds							
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
1,2,4-Trichlorobenzene	120-82-1	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
1,2-Dichlorobenzene	95-50-1	100	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
1,3-Dichlorobenzene	541-73-1	49	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
1,4-Dichlorobenzene	106-46-7	13	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
1,4-Dioxane (P-Dioxane)	123-91-1	13	mg/kg	<0.084 U	<0.63 U	<0.031 U	<0.027 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
2,4,5-Trichlorophenol	95-95-4	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
2,4,6-Trichlorophenol	88-06-2	NS	mg/kg	<0.34 U	<2.5 U	<0.12 U	<0.11 U
2,4-Dichlorophenol	120-83-2	NS	mg/kg	<0.5 U	<3.8 U	<0.19 U	<0.16 U
2,4-Dimethylphenol	105-67-9	NS	mg/kg	<0.56 U	1.9 J	0.081 J	<0.18 U
2,4-Dinitrophenol	51-28-5	NS	mg/kg	<2.7 U	<20 U	<1 U	<0.86 U
2,4-Dinitrotoluene	121-14-2	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
2,6-Dinitrotoluene	606-20-2	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
2-Chloronaphthalene	91-58-7	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
2-Chlorophenol	95-57-8	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
2-Methylnaphthalene	91-57-6	NS	mg/kg	<0.67 U	28	2.2	0.024 J
2-Methylphenol (o-Cresol)	95-48-7	100	mg/kg	<0.56 U	<4.2 U	0.036 J	<0.18 U
2-Nitroaniline	88-74-4	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
2-Nitrophenol	88-75-5	NS	mg/kg	<1.2 U	<9.1 U	<0.45 U	<0.38 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	100	mg/kg	2	0.9 J	0.098 J	<0.26 U
3,3'-Dichlorobenzidine	91-94-1	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
3-Nitroaniline	99-09-2	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	mg/kg	<1.5 U	<11 U	<0.54 U	<0.46 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
4-Chloro-3-Methylphenol	59-50-7	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
4-Chloroaniline	106-47-8	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
4-Nitroaniline	100-01-6	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
4-Nitrophenol	100-02-7	NS	mg/kg	<0.79 U	<5.9 U	<0.29 U	<0.25 U
Acenaphthene	83-32-9	100	mg/kg	<0.45 U	73	6.4	0.05 J
Acenaphthylene	208-96-8	100	mg/kg	<0.45 U	6.8	0.79	0.038 J
Acetophenone	98-86-2	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Anthracene	120-12-7	100	mg/kg	<0.34 U	130	17	0.14
Atrazine	1912-24-9	NS	mg/kg	<0.45 U	<3.4 U	<0.17 U	<0.14 U
Azobenzene	103-33-3	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Benzaldehyde	100-52-7	NS	mg/kg	<0.74 U	<5.5 U	<0.27 U	<0.24 U
Benzidine	92-87-5	NS	mg/kg	<1.8 U	<14 U	<0.69 U	<0.59 U
Benzo(a)anthracene	56-55-3	1	mg/kg	0.1 J	210	25	0.39
Benzo(a)pyrene	50-32-8	1	mg/kg	<0.45 U	140	20	0.37
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.14 J	210	24	0.44
Benzo(g,h,i)Perylene	191-24-2	100	mg/kg	<0.45 U	80	5.8	0.23
Benzo(k)fluoranthene	207-08-9	3.9	mg/kg	<0.34 U	53	3.9	0.14
Benzoic Acid	65-85-0	NS	mg/kg	<1.8 U	<14 U	<0.67 U	<0.58 U
Benzyl Alcohol	100-51-6	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Benzyl Butyl Phthalate	85-68-7	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Biphenyl (Diphenyl)	92-52-4	NS	mg/kg	<1.3 U	6.2 J	0.56	<0.41 U
Bis(2-chloroethoxy) methane	111-91-1	NS	mg/kg	<0.61 U	<4.5 U	<0.22 U	<0.19 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	mg/kg	<0.5 U	<3.8 U	<0.19 U	<0.16 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	mg/kg	<0.67 U	<5 U	<0.25 U	<0.21 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	0.1 J
Caprolactam	105-60-2	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Carbazole	86-74-8	NS	mg/kg	<0.56 U	65	5.4	0.046 J
Chrysene	218-01-9	3.9	mg/kg	0.1 J	160	21	0.36
Dibenz(a,h)anthracene	53-70-3	0.33	mg/kg	<0.34 U	24	1.6	0.052 J
Dibenzofuran	132-64-9	59	mg/kg	<0.56 U	48	4.2	0.023 J
Dibutyl phthalate	84-74-2	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Diethyl phthalate	84-66-2	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Dimethyl phthalate	131-11-3	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Dioctyl phthalate	117-84-0	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Fluoranthene	206-44-0	100	mg/kg	0.16 J	470	65	0.72
Fluorene	86-73-7	100	mg/kg	<0.56 U	78	6.8	0.054 J
Hexachlorobenzene	118-74-1	1.2	mg/kg	<0.34 U	<2.5 U	<0.12 U	<0.11 U
Hexachlorobutadiene	87-68-3	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
Hexachlorocyclopentadiene	77-47-4	NS	mg/kg	<1.6 U	<12 U	<0.6 U	<0.51 U
Hexachloroethane	67-72-1	NS	mg/kg	<0.45 U	<3.4 U	<0.17 U	<0.14 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.078 J	91	6.4	0.21
Isophorone	78-59-1	NS	mg/kg	<0.5 U	<3.8 U	<0.19 U	<0.16 U
Naphthalene	91-20-3	100	mg/kg	<0.56 U	86	5.1	0.03 J
Nitrobenzene	98-95-3	NS	mg/kg	<0.5 U	<3.8 U	<0.19 U	<0.16 U
n-Nitrosodimethylamine	62-75-9	NS	mg/kg	<1.1 U	<8.4 U	<0.42 U	<0.36 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	mg/kg	<0.56 U	<4.2 U	<0.21 U	<0.18 U
n-Nitrosodiphenylamine	86-30-6	NS	mg/kg	<0.45 U	<3.4 U	<0.17 U	<0.14 U
Pentachlorophenol	87-86-5	6.7	mg/kg	<0.45 U	<3.4 U	<0.17 U	<0.14 U
Phenanthrene	85-01-8	100	mg/kg	0.09 J	500	59	0.5
Phenol	108-95-2	100	mg/kg	3.3	<4.2 U	0.046 J	<0.18 U
Pyrene	129-00-0	100	mg/kg	0.16 J	340	49	0.67

Table 3
Waste Characterization Report
Composite Soil Sample Analytical Results

Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Analyte	CAS Number	NYSDEC Part 375 Restricted Use Restricted- Residential SCOs	Location		DS01	WC01	WC01	WC02
			Sample Name	DS01_COMP_6-30	WC01_COMP_0-6	WC01_COMP_0-6_R	WC02_COMP_0-6	
			Sample Date	05/20/2024	05/21/2024	05/21/2024	05/20/2024	
			Sample Depth	6-30	0-6	0-6	0-6	
			Unit	Result	Result	Result	Result	
Pesticides								
4,4'-DDD	72-54-8	13	mg/kg	<0.00528 U	<0.00198 U	NA	0.00197	
4,4'-DDE	72-55-9	8.9	mg/kg	<0.00528 U	<0.00198 U	NA	0.00433	
4,4'-DDT	50-29-3	7.9	mg/kg	<0.00528 U	<0.00198 U	NA	0.00528	
Aldrin	309-00-2	0.097	mg/kg	<0.00528 U	<0.00198 U	NA	<0.00167 U	
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.48	mg/kg	<0.0022 U	<0.000824 U	NA	<0.000694 U	
Alpha Chlordane	5103-71-9	4.2	mg/kg	<0.0066 U	<0.00247 U	NA	<0.00208 U	
Alpha Endosulfan	959-98-8	24	mg/kg	<0.00528 U	<0.00198 U	NA	<0.00167 U	
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.36	mg/kg	<0.00528 U	<0.00198 U	NA	<0.00167 U	
Beta Endosulfan	33213-65-9	24	mg/kg	<0.00528 U	<0.00198 U	NA	<0.00167 U	
Chlordane (alpha and gamma)	57-74-9	NS	mg/kg	<0.044 U	<0.0165 U	NA	<0.0139 U	
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	100	mg/kg	<0.00528 U	<0.00198 U	NA	<0.00167 U	
Dieldrin	60-57-1	0.2	mg/kg	<0.0033 U	<0.00124 U	NA	<0.00104 U	
Endosulfan Sulfate	1031-07-8	24	mg/kg	<0.0022 U	<0.000824 U	NA	<0.000694 U	
Endrin	72-20-8	11	mg/kg	<0.0022 U	<0.000824 U	NA	<0.000694 U	
Endrin Aldehyde	7421-93-4	NS	mg/kg	<0.0066 U	<0.00247 U	NA	<0.00208 U	
Endrin Ketone	53494-70-5	NS	mg/kg	<0.00528 U	<0.00198 U	NA	<0.00167 U	
Gamma Bhc (Lindane)	58-89-9	1.3	mg/kg	<0.0022 U	<0.000824 U	NA	<0.000694 U	
Gamma Chlordane (Trans)	5103-74-2	NS	mg/kg	<0.0066 U	<0.00247 U	NA	<0.00208 U	
Heptachlor	76-44-8	2.1	mg/kg	<0.00264 U	<0.000989 U	NA	<0.000833 U	
Heptachlor Epoxide	1024-57-3	NS	mg/kg	<0.0099 U	<0.00371 U	NA	<0.00312 U	
Methoxychlor	72-43-5	NS	mg/kg	<0.0099 U	<0.00371 U	NA	<0.00312 U	
Toxaphene	8001-35-2	NS	mg/kg	<0.099 U	<0.0371 U	NA	<0.0312 U	
Herbicides								
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	mg/kg	<0.547 U	<0.208 U	NA	<0.178 U	
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	mg/kg	<0.547 U	<0.208 U	NA	<0.178 U	
Silvex (2,4,5-Tp)	93-72-1	100	mg/kg	<0.547 U	<0.208 U	NA	<0.178 U	
Polychlorinated Biphenyl								
PCB-1016 (Aroclor 1016)	12674-11-2	NS	mg/kg	<0.158 U	<0.0579 U	NA	<0.0507 U	
PCB-1221 (Aroclor 1221)	11104-28-2	NS	mg/kg	<0.158 U	<0.0579 U	NA	<0.0507 U	
PCB-1232 (Aroclor 1232)	11141-16-5	NS	mg/kg	<0.158 U	<0.0579 U	NA	<0.0507 U	
PCB-1242 (Aroclor 1242)	53469-21-9	NS	mg/kg	<0.158 U	<0.0579 U	NA	<0.0507 U	
PCB-1248 (Aroclor 1248)	12672-29-6	NS	mg/kg	<0.158 U	<0.0579 U	NA	<0.0507 U	
PCB-1254 (Aroclor 1254)	11097-69-1	NS	mg/kg	<0.158 U	<0.0579 U	NA	<0.0507 U	
PCB-1260 (Aroclor 1260)	11096-82-5	NS	mg/kg	<0.158 U	<0.0579 U	NA	0.0233 J	
PCB-1262 (Aroclor 1262)	37324-23-5	NS	mg/kg	<0.158 U	<0.0579 U	NA	<0.0507 U	
PCB-1268 (Aroclor 1268)	11100-14-4	NS	mg/kg	<0.158 U	<0.0579 U	NA	<0.0507 U	
Total PCBs	1336-36-3	1	mg/kg	<0.158 U	<0.0579 U	NA	0.0233 J	
Metals								
Aluminum	7429-90-5	NS	mg/kg	8,050	5,220	NA	4,630	
Antimony	7440-36-0	NS	mg/kg	2.16 J	2.64 J	NA	2.01 J	
Arsenic	7440-38-2	16	mg/kg	10.9	5.5	NA	3.73	
Barium	7440-39-3	400	mg/kg	112	122	NA	93.6	
Beryllium	7440-41-7	72	mg/kg	0.493 J	0.39 J	NA	0.241 J	
Cadmium	7440-43-9	4.3	mg/kg	0.528 J	0.817 J	NA	0.512 J	
Calcium	7440-70-2	NS	mg/kg	6,730	30,400	NA	45,300	
Chromium, Hexavalent	18540-29-9	110	mg/kg	<2.71 U	<1.01 U	NA	<0.861 U	
Chromium, Total	7440-47-3	NS	mg/kg	21.6	10.6	NA	11.1	
Chromium, Trivalent	16065-83-1	180	mg/kg	21.6	10.6	NA	11.1	
Cobalt	7440-48-4	NS	mg/kg	10.5	4.43	NA	5.68	
Copper	7440-50-8	270	mg/kg	45.5	244	NA	52.1	
Cyanide	57-12-5	27	mg/kg	<3.2 U	1.2	NA	<1 U	
Iron	7439-89-6	NS	mg/kg	26,800	11,900	NA	16,900	
Lead	7439-92-1	400	mg/kg	329	145	NA	96.5	
Magnesium	7439-95-4	NS	mg/kg	4,100	13,700	NA	25,400	
Manganese	7439-96-5	2000	mg/kg	727	232	NA	253	
Mercury	7439-97-6	0.81	mg/kg	0.897	<0.09 U	NA	0.14	
Nickel	7440-02-0	310	mg/kg	36.7	17.6	NA	18.2	
Potassium	7440-09-7	NS	mg/kg	1,270	523	NA	514	
Selenium	7782-49-2	180	mg/kg	1.54 J	<2.01 U	NA	<1.7 U	
Silver	7440-22-4	180	mg/kg	<1.3 U	<0.504 U	NA	<0.424 U	
Sodium	7440-23-5	NS	mg/kg	4,860	97.2 J	NA	141 J	
Thallium	7440-28-0	NS	mg/kg	<5.2 U	<2.01 U	NA	<1.7 U	
Vanadium	7440-62-2	NS	mg/kg	34.2	18.4	NA	18.7	
Zinc	7440-66-6	10000	mg/kg	160	205	NA	102	
General Chemistry								
Solids, Percent	SOLID	NS	Percent	29.5	79	79	92.9	

Table 3
Waste Characterization Report
Composite Soil Sample Analytical Results

Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Notes:

CAS - Chemical Abstract Service

NS - No standard

mg/kg - milligram per kilogram

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Composite soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Restricted Use Residential Soil Cleanup Objectives (SCO).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

Exceedance Summary:

10 - Result exceeds NYSDEC Part 375 Restricted Use Restricted-Residential SCOs

Table 4
Waste Characterization Report
Soil Sample Analytical Results - TCLP and RCRA Characteristics

Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	DS01	SB05_E_10	SB05_E_10	SB05_E_10	SB05_E_4	SB05_E_4	SB05_E_4	SB05_E_7	SB05_E_7
			Sample Name	DS01_COMP_6-30	SB05_E_10_0-2	SB05_E_10_2-4	SB05_E_10_4-6	SB05_E_4_0-2	SB05_E_4_2-4	SB05_E_4_4-6	SB05_E_7_0-2	SB05_E_7_2-4
			Sample Date	05/20/2024	05/21/2024	05/21/2024	05/21/2024	07/08/2024	07/08/2024	07/08/2024	07/08/2024	07/08/2024
			Sample Depth	6-30	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result			
Metals												
Arsenic	7440-38-2	5	mg/l	<1 U	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	100	mg/l	0.385 J	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	1	mg/l	<0.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	5	mg/l	<0.2 U	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	5	mg/l	0.217 J	0.212 J	0.218 J	0.115 J	0.181 J	5.02	1.47	0.35 J	0.511
Mercury	7439-97-6	0.2	mg/l	0.0005 J	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	1	mg/l	<0.5 U	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	5	mg/l	<0.1 U	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry												
Ignitability	10-36-6	0	NONE	<0 U	NA	NA	NA	NA	NA	NA	NA	NA
pH (Hydrogen Cation)	12408-02-5	2-12.5	pH UNITS	7.6	NA	NA	NA	NA	NA	NA	NA	NA
Reactive Cyanide	CREAC	NS	mg/kg	<10 U	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide Reactive	SREAC	NS	mg/kg	<10 U	NA	NA	NA	NA	NA	NA	NA	NA

Table 4
Waste Characterization Report
Soil Sample Analytical Results - TCLP and RCRA Characteristics

Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	SB05_E_7	SB05_N_10	SB05_N_10	SB05_N_10	SB05_N_4	SB05_N_4	SB05_N_4	SB05_R	SB05_R
			Sample Name	SB05_E_7_4-6	SB05_N_10_0-2	SB05_N_10_2-4	SB05_N_10_4-6	SB05_N_4_0-2	SB05_N_4_2-4	SB05_N_4_4-6	SB05_R_0-2	SB05_R_2-4
			Sample Date	07/08/2024	05/21/2024	05/21/2024	05/21/2024	07/08/2024	07/08/2024	07/08/2024	05/20/2024	05/20/2024
			Sample Depth	4-6	0-2	2-4	4-6	0-2	2-4	4-6	0-2	2-4
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result			
Metals												
Arsenic	7440-38-2	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	5	mg/l	0.249 J	0.331 J	0.856	0.101 J	0.358 J	0.175 J	<0.5 U	0.198 J	0.633
Mercury	7439-97-6	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry												
Ignitability	10-36-6	0	NONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (Hydrogen Cation)	12408-02-5	2-12.5	pH UNITS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reactive Cyanide	CREAC	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide Reactive	SREAC	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4
Waste Characterization Report
Soil Sample Analytical Results - TCLP and RCRA Characteristics

Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	SB05_R	SB05_R	SB05_S_10	SB05_S_10	SB05_S_10	SB05_S_4	SB05_S_4	SB05_S_4	SB05_W_10
			Sample Name	SB05_R_4-6	SB05_R_6-8	SB05_S_10_0-2	SB05_S_10_2-4	SB05_S_10_4-6	SB05_S_4_0-2	SB05_S_4_2-4	SB05_S_4_4-6	SB05_W_10_0-2
			Sample Date	05/20/2024	05/20/2024	05/21/2024	05/21/2024	05/21/2024	07/08/2024	07/08/2024	07/08/2024	05/21/2024
			Sample Depth	4-6	6-8	0-2	2-4	4-6	0-2	2-4	4-6	0-2
Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result			
Metals												
Arsenic	7440-38-2	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	7440-39-3	100	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	7440-43-9	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Total	7440-47-3	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	7439-92-1	5	mg/l	0.162 J	0.247 J	0.606	0.0727 J	0.128 J	0.106 J	0.598	0.619	0.317 J
Mercury	7439-97-6	0.2	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	7782-49-2	1	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	7440-22-4	5	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA
General Chemistry												
Ignitability	10-36-6	0	NONE	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH (Hydrogen Cation)	12408-02-5	2-12.5	pH UNITS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Reactive Cyanide	CREAC	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfide Reactive	SREAC	NS	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4
Waste Characterization Report
Soil Sample Analytical Results - TCLP and RCRA Characteristics

Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Analyte	CAS Number	RCRA Characteristics of Hazardous Waste	Location	SB05_W_10	SB05_W_10	SB05_W_4	SB05_W_4	SB05_W_4	WC01	WC02
			Sample Name	SB05_W_10_2-4	SB05_W_10_4-6	SB05_W_4_0-2	SB05_W_4_2-4	SB05_W_4_4-6	WC01_COMP_0-6	WC02_COMP_0-6
			Sample Date	05/21/2024	05/21/2024	07/08/2024	07/08/2024	07/08/2024	05/21/2024	05/20/2024
			Sample Depth	2-4	4-6	0-2	2-4	4-6	0-6	0-6
Unit	Result	Result	Result	Result	Result	Result	Result			
Metals										
Arsenic	7440-38-2	5	mg/l	NA	NA	NA	NA	NA	<1 U	0.0316 J
Barium	7440-39-3	100	mg/l	NA	NA	NA	NA	NA	0.887	0.847
Cadmium	7440-43-9	1	mg/l	NA	NA	NA	NA	NA	0.0131 J	0.013 J
Chromium, Total	7440-47-3	5	mg/l	NA	NA	NA	NA	NA	<0.2 U	<0.2 U
Lead	7439-92-1	5	mg/l	0.163 J	0.219 J	0.142 J	0.285 J	0.116 J	0.145 J	0.215 J
Mercury	7439-97-6	0.2	mg/l	NA	NA	NA	NA	NA	<0.001 U	<0.001 U
Selenium	7782-49-2	1	mg/l	NA	NA	NA	NA	NA	<0.5 U	0.0355 J
Silver	7440-22-4	5	mg/l	NA	NA	NA	NA	NA	<0.1 U	<0.1 U
General Chemistry										
Ignitability	10-36-6	0	NONE	NA	NA	NA	NA	NA	<0 U	<0 U
pH (Hydrogen Cation)	12408-02-5	2-12.5	pH UNITS	NA	NA	NA	NA	NA	8.53	8.02
Reactive Cyanide	CREAC	NS	mg/kg	NA	NA	NA	NA	NA	<10 U	<10 U
Sulfide Reactive	SREAC	NS	mg/kg	NA	NA	NA	NA	NA	<10 U	<10 U

Table 4
Waste Characterization Report
Soil Sample Analytical Results - TCLP and RCRA Characteristics

Page 5 of 5

Marlboro Agricultural Education Center
Brooklyn, New York
CEQR Site No.: 22CHA001K
Langan Project No.: 170702901

Notes:

TCLP - Toxicity Characteristic Leaching Procedure

CAS - Chemical Abstract Service

NS - No standard

mg/l - milligram per liter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Soil sample analytical results are compared to the 6 New York Codes, Rules and Regulations (NYCRR) Part 371.3 and 40 CFR 261 Subpart C and Table 1 of 40 CFR 261.24 - Environmental Protection Agency (EPA) Resource Conservation and Recovery Act (RCRA) Characteristics of Hazardous Waste.

Hydrogen Cation is a measure of pH, or corrosivity of substance.

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value

Exceedance Summary:

10 - Result exceeds the RCRA Maximum Concentration of Contaminants for the Toxicity Characteristic

ATTACHMENT 1
SOIL BORING LOGS

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Log of Boring **SB05_E_4**

Sheet 1 of 1

Project Marlboro Agricultural Education Center			Project No. 170702901		
Location Brooklyn, New York			Elevation and Datum N/A		
Drilling Company Lakewood Environmental Services, Corp.			Date Started 7/8/2024	Date Finished 7/8/2024	
Drilling Equipment Geoprobe 6610DT; Hand Auger			Completion Depth 8.0 ft	Rock Depth Not Encountered	
Size and Type of Bit 2.25 Inch OD / 2.0 Inch ID direct push			Number of Samples Disturbed 2	Undisturbed 0	Core 0
Casing Diameter (in) N/A	Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A	Completion ∇ N/A	24 HR. ∇ N/A
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Foreman Tim Kelly		
Sampler 3-inch OD Hand Auger; 48-inch Macrocore			Field Engineer Kiki Wallick		
Sampler Hammer N/A	Weight (lbs) N/A	Drop (in) N/A			

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (ft)	Penetr. resist BL/6in		PID Reading (ppm)
	N/A	ASPHALT	0	M-1				0.0	0-ft - Hand cleared with 3-inch-diameter hand auger SB05_E_4_0-2 SB05_E_4_2-4 SB05_E_4_4-6
		Grayish brown fine SAND, some fine gravel, trace silt, woody vegetation, brick, glass, slag (moist) [FILL]	1		HA	60/60		0.0	
			2					0.0	
			3	M-2				0.0	
			4					0.0	
			5					0.0	
		Tannish brown fine SAND, some fine gravel, concrete, trace silt (moist) [FILL]	6	M-3	Macrocore	36/36		0.0	
			7					0.0	
	N/A	End of Boring at 8.0ft.	8					0.0	Boring backfilled to grade with clean cuttings. Capped with at grade with asphalt.
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB05_E_7**

Sheet 1 of 1

Project Marlboro Agricultural Education Center			Project No. 170702901		
Location Brooklyn, New York			Elevation and Datum N/A		
Drilling Company Lakewood Environmental Services, Corp.			Date Started 7/8/2024	Date Finished 7/8/2024	
Drilling Equipment Geoprobe 6610DT; Hand Auger			Completion Depth 8.0 ft	Rock Depth Not Encountered	
Size and Type of Bit 2.25 Inch OD / 2.0 Inch ID direct push			Number of Samples	Disturbed 2	Undisturbed 0
Casing Diameter (in) N/A			Casing Depth (ft) N/A	Water Level (ft.) First N/A	Completion 24 HR. N/A
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Foreman Tim Kelly		
Sampler 3-inch OD Hand Auger; 48-inch Macrocore			Field Engineer Kiki Wallick		
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A			

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (ft)	Penetr. resist BL/6in		PID Reading (ppm)
	N/A	ASPHALT	0	M-1				0.0	0-ft - Hand cleared with 3-inch-diameter hand auger
	N/A	Brown fine SAND, some fine gravel, trace silt, glass, brick, wood (lumber), slag (moist) [FILL]	1		HA	60/60		0.0	SB05_E_7_0-2
	N/A		2					0.0	SB05_E_7_2-4
	N/A		3	M-2				0.0	
	N/A		4					0.0	SB05_E_7_4-6
	N/A	Tannish brown fine SAND, some fine gravel, trace silt, brick, glass, concrete, asphalt (moist) [FILL]	5					0.0	
	N/A		6	M-3	Macrocore	36/36		0.0	
	N/A		7					0.0	
	N/A	End of Boring at 8.0ft.	8					0.0	Boring backfilled to grade with clean cuttings. Capped with at grade with asphalt.
	N/A		9						
	N/A		10						
	N/A		11						
	N/A		12						
	N/A		13						
	N/A		14						
	N/A		15						
	N/A		16						
	N/A		17						
	N/A		18						
	N/A		19						
	N/A		20						

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Log of Boring **SB05_N_4**

Sheet 1 of 1

Project Marlboro Agricultural Education Center			Project No. 170702901		
Location Brooklyn, New York			Elevation and Datum N/A		
Drilling Company Lakewood Environmental Services, Corp.			Date Started 7/8/2024	Date Finished 7/8/2024	
Drilling Equipment Geoprobe 6610DT; Hand Auger			Completion Depth 8.0 ft	Rock Depth Not Encountered	
Size and Type of Bit 2.25 Inch OD / 2.0 Inch ID direct push			Number of Samples 2	Disturbed 0	Undisturbed 0
Casing Diameter (in) N/A		Casing Depth (ft) N/A	Water Level (ft.) First N/A	Completion N/A	24 HR. N/A
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Foreman Tim Kelly		
Sampler 3-inch OD Hand Auger; 48-inch Macrocore			Field Engineer Kiki Wallick		
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A			

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (ft)	Penetr. resist BL/6in		PID Reading (ppm)
	N/A	ASPHALT	0	M-1				0.0	0-ft - Hand cleared with 3-inch-diameter hand auger
	N/A	Grayish brown fine SAND, some fine gravel, trace silt, glass, brick, concrete, wood (lumber) (moist) [FILL]	1		HA	60/60		0.0	SB05_N_4_0-2
	N/A		2					0.0	SB05_N_4_2-4
	N/A		3	M-2				0.0	
	N/A		4					0.0	SB05_N_4_4-6
	N/A	Tannish brown fine SAND, some fine gravel, trace silt, concrete, fibrous vegetation (moist) [FILL]	5					0.0	
	N/A		6	M-3	Macrocore	36/36		0.0	
	N/A		7					0.0	
	N/A	End of Boring at 8.0ft.	8					0.0	Boring backfilled to surface grade with clean soil cuttings. Capped at grade with asphalt.
	N/A		9						
	N/A		10						
	N/A		11						
	N/A		12						
	N/A		13						
	N/A		14						
	N/A		15						
	N/A		16						
	N/A		17						
	N/A		18						
	N/A		19						
	N/A		20						

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Log of Boring **SB05_N_7**

Sheet 1 of 1

Project Marlboro Agricultural Education Center			Project No. 170702901		
Location Brooklyn, New York			Elevation and Datum N/A		
Drilling Company Lakewood Environmental Services, Corp.			Date Started 7/8/2024	Date Finished 7/8/2024	
Drilling Equipment Geoprobe 6610DT; Hand Auger			Completion Depth 8.0 ft	Rock Depth Not Encountered	
Size and Type of Bit 2.25 Inch OD / 2.0 Inch ID direct push			Number of Samples	Disturbed 2	Undisturbed 0
Casing Diameter (in) N/A			Casing Depth (ft) N/A	Water Level (ft.) First N/A	Completion 24 HR. N/A
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Foreman Tim Kelly		
Sampler 3-inch OD Hand Auger; 48-inch Macrocore			Field Engineer Kiki Wallick		
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A			

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (ft)	Penetr. resist BL/6in		PID Reading (ppm)
	N/A	ASPHALT	0	M-1				0.0	0-ft - Hand cleared with 3-inch-diameter hand auger
		Brown fine SAND, some fine gravel, trace silt, glass, metal, concrete, slag (moist) [FILL]	1					0.0	
			2					0.0	
			3	M-2	HA	60/60		0.0	
			4					0.0	
			5					0.0	
		Tannish brown fine SAND, some fine gravel, trace silt, concrete, glass, brick, asphalt (moist) [FILL]	6	M-3	Macrocore	36/36		0.0	
			7					0.0	
			8					0.0	
	N/A	End of Boring at 8.0ft.	8					0.0	
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

Project Marlboro Agricultural Education Center			Project No. 170702901		
Location Brooklyn, New York			Elevation and Datum N/A		
Drilling Company Lakewood Environmental Services, Corp.			Date Started 7/8/2024	Date Finished 7/8/2024	
Drilling Equipment Geoprobe 6610DT; Hand Auger			Completion Depth 8.0 ft	Rock Depth Not Encountered	
Size and Type of Bit 2.25 Inch OD / 2.0 Inch ID direct push			Number of Samples	Disturbed 2	Undisturbed 0
Casing Diameter (in) N/A			Casing Depth (ft) N/A	Water Level (ft.) First N/A	Completion 24 HR. N/A
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Foreman Tim Kelly		
Sampler 3-inch OD Hand Auger; 48-inch Macrocore			Field Engineer Kiki Wallick		
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A			

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (ft)	Penetr. resist BL/6in		PID Reading (ppm)
	N/A	ASPHALT	0	M-1					0-ft - Hand cleared with 3-inch-diameter hand auger SB05_S_4_0-2
	N/A	Grayish brown fine SAND, some fine gravel, trace silt, brick, woody vegetation, concrete, glass (moist) [FILL]	1		HA	60/60			SB05_S_4_2-4
	N/A	Reddish brown to black Gravelly SAND, glass, coal, coalash, concrete, metal, Wood (lumber) (moist) [FILL]	5	M-2				0.0	SB05_S_4_4-6
	N/A	End of Boring at 8.0ft.	8	M-3	Macrocore	36/36		0.0	Boring backfilled to surface grade with clean soil cuttings. Capped at grade with asphalt.
	N/A		9						
	N/A		10						
	N/A		11						
	N/A		12						
	N/A		13						
	N/A		14						
	N/A		15						
	N/A		16						
	N/A		17						
	N/A		18						
	N/A		19						
	N/A		20						

Project Marlboro Agricultural Education Center			Project No. 170702901		
Location Brooklyn, New York			Elevation and Datum N/A		
Drilling Company Lakewood Environmental Services, Corp.			Date Started 7/8/2024	Date Finished 7/8/2024	
Drilling Equipment Geoprobe 6610DT; Hand Auger			Completion Depth 8.0 ft	Rock Depth Not Encountered	
Size and Type of Bit 2.25 Inch OD / 2.0 Inch ID direct push			Number of Samples	Disturbed 2	Undisturbed 0
Casing Diameter (in) N/A			Casing Depth (ft) N/A	Water Level (ft.) First N/A	Completion 24 HR. N/A
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Foreman Tim Kelly		
Sampler 3-inch OD Hand Auger; 48-inch Macrocore			Field Engineer Kiki Wallick		
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A			

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (ft)	Penetr. resist BL/6in		PID Reading (ppm)
	N/A	ASPHALT	0	M-1				0.0	0-ft - Hand cleared with 3-inch-diameter hand auger
		Grayish brown fine SAND, some fine gravel, trace silt, brick, glass, metal, concrete (moist) [FILL]	1		HA	60/60		0.0	
			2					0.0	
			3	M-2				0.0	
			4					0.0	
		Reddish brown to black fine SAND, some fine gravel, trace silt, coal, coalash, brick, concrete, glass (moist) [FILL]	5					0.0	Boring backfilled to surface grade with clean soil cuttings. Capped at grade with asphalt.
			6	M-3	Macrocore	36/36		0.0	
			7					0.0	
			8					0.0	
	N/A	End of Boring at 8.0ft.	8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

LANGAN

Log of Boring **SB05_W_4**

Sheet 1 of 1

Project Marlboro Agricultural Education Center			Project No. 170702901		
Location Brooklyn, New York			Elevation and Datum N/A		
Drilling Company Lakewood Environmental Services, Corp.			Date Started 7/8/2024	Date Finished 7/8/2024	
Drilling Equipment Geoprobe 6610DT; Hand Auger			Completion Depth 8.0 ft	Rock Depth Not Encountered	
Size and Type of Bit 2.25 Inch OD / 2.0 Inch ID direct push			Number of Samples	Disturbed 2	Undisturbed 0
Casing Diameter (in) N/A			Casing Depth (ft) N/A	Water Level (ft.) First N/A	Completion 24 HR. N/A
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Foreman Tim Kelly		
Sampler 3-inch OD Hand Auger; 48-inch Macrocore			Field Engineer Kiki Wallick		
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A			

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (ft)	Penetr. resist BL/6in		PID Reading (ppm)
	N/A	ASPHALT	0	M-1				0.0	0-ft - Hand cleared with 3-inch-diameter hand auger
	N/A	Grayish brown fine SAND, some fine gravel, trace silt, woody vegetation, concrete, glass, slag (moist) [FILL]	1		HA	60/60		0.0	SB05_W_4_0-2
	N/A		2					0.0	SB05_W_4_2-4
	N/A		3	M-2				0.0	
	N/A		4					0.0	SB05_W_4_4-6
	N/A	Reddish brown to black fine SAND, some fine gravel, trace silt, woody vegetation, concrete (moist) [FILL]	5					0.0	
	N/A		6	M-3	Macrocore	36/36		0.0	
	N/A		7					0.0	
	N/A	End of Boring at 8.0ft.	8					0.0	Boring backfilled to surface grade with clean soil cuttings. Capped at grade with asphalt.
	N/A		9						
	N/A		10						
	N/A		11						
	N/A		12						
	N/A		13						
	N/A		14						
	N/A		15						
	N/A		16						
	N/A		17						
	N/A		18						
	N/A		19						
	N/A		20						

LANGAN

Log of Boring **SB05_W_7**

Sheet 1 of 1

Project Marlboro Agricultural Education Center			Project No. 170702901		
Location Brooklyn, New York			Elevation and Datum N/A		
Drilling Company Lakewood Environmental Services, Corp.			Date Started 7/8/2024	Date Finished 7/8/2024	
Drilling Equipment Geoprobe 6610DT; Hand Auger			Completion Depth 8.0 ft	Rock Depth Not Encountered	
Size and Type of Bit 2.25 Inch OD / 2.0 Inch ID direct push			Number of Samples Disturbed 2	Undisturbed 0	Core 0
Casing Diameter (in) N/A	Casing Depth (ft) N/A		Water Level (ft.) First ∇ N/A	Completion ∇ N/A	24 HR. ∇ N/A
Casing Hammer N/A	Weight (lbs) N/A	Drop (in) N/A	Drilling Foreman Tim Kelly		
Sampler 3-inch OD Hand Auger; 48-inch Macrocore			Field Engineer Kiki Wallick		
Sampler Hammer N/A	Weight (lbs) N/A	Drop (in) N/A			

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (ft)	Penetr. resist BL/6in		PID Reading (ppm)
	N/A	ASPHALT	0	M-1				0.0	0-ft - Hand cleared with 3-inch-diameter hand auger
		Grayish brown fine SAND, some fine gravel, trace silt (moist) [FILL]	1					0.0	
			2					0.0	
			3	M-2	HA	60/60		0.0	
			4					0.0	
			5					0.0	
		Reddish brown fine SAND, some fine gravel, trace silt, woody vegetation, brick, concrete (moist) [FILL]	6	M-3	Macrocore	36/36		0.0	
			7					0.0	
			8					0.0	
	N/A	End of Boring at 8.0ft.	8					0.0	
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

ATTACHMENT 2

LABORATORY ANALYTICAL REPORTS



ANALYTICAL REPORT

Lab Number:	L2427953
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	MARLBORO AGRICULTURAL EDCENTER
Project Number:	170702901
Report Date:	06/04/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427953-01	DS01_COMP_6-30	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 15:30	05/20/24
L2427953-02	SB05_N_40_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:00	05/20/24
L2427953-03	SB05_N_40_20-22	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:05	05/20/24
L2427953-04	SB05_R_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:40	05/20/24
L2427953-05	SB05_R_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:45	05/20/24
L2427953-06	SB05_R_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:50	05/20/24
L2427953-07	SB05_R_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:55	05/20/24
L2427953-08	SB05_R_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 15:00	05/20/24
L2427953-09	SB05_R_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 15:05	05/20/24
L2427953-10	SB05_N_40_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:10	05/20/24
L2427953-11	SB05_N_40_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:15	05/20/24
L2427953-12	SB05_N_40_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:20	05/20/24
L2427953-13	SB05_N_40_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:25	05/20/24
L2427953-14	SB05_N_40_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:30	05/20/24

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Case Narrative (continued)

Report Submission

June 04, 2024: This final report includes the results of all requested analyses.

May 28, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

NJ EPH

WG1926037: The Matrix Spike and Laboratory Duplicate did not require fractionation; therefore, the results are not reported for this analysis.

WG1926037-2/-3: One or more compounds failed to meet the recovery and/or RPD limits. Please refer to the QC section of the report for specific details.

NJ EPH (Total)

L2427953-03: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

WG1924141: An MS/MSD was not analyzed because the dilution required by the native sample would have caused the spike compounds to be diluted below the range of calibration.

Pesticides

L2427953-01: The internal standard (IS) response for 1-bromo-2-nitrobenzene (3999%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias. The surrogate recoveries are outside the method acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (0%) and decachlorobiphenyl (0%) due to interference with the Internal Standard.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Case Narrative (continued)

Total Metals

L2427953-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

L2427953-05 through -08: The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG1925130-3 MS recoveries for aluminum (1830%), iron (262%), and manganese (0%), performed on L2427953-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1925130-3 MS recoveries, performed on L2427953-01, are outside the acceptance criteria for calcium (58%), chromium (142%), copper (311%), lead (0%), magnesium (221%), potassium (175%), and vanadium (126%). Post digestion spikes were performed and were within acceptance criteria.

The WG1925130-4 Laboratory Duplicate RPDs for aluminum (40%), arsenic (39%), barium (32%), chromium (35%), cobalt (37%), lead (40%), magnesium (32%), manganese (84%), potassium (52%) and vanadium (33%), performed on L2427953-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

The WG1925134-4 Laboratory Duplicate RPD for mercury (71%), performed on L2427953-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

Hexavalent Chromium

The WG1926171-5 Insoluble MS recovery for chromium, hexavalent (15%), performed on L2427953-01, is outside the acceptance criteria. The Soluble MS recovery for chromium, hexavalent (1%) was also outside criteria. This has been attributed to matrix interference. A post-spike was performed with a recovery of 96%.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 06/04/24

ORGANICS

VOLATILES

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-02 Date Collected: 05/20/24 14:00
 Client ID: SB05_N_40_4-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 05/23/24 12:31
 Analyst: JIC
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.8	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.4	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.17	1
Dibromochloromethane	ND		ug/kg	1.4	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.36	1
Tetrachloroethene	0.56	J	ug/kg	0.68	0.27	1
Chlorobenzene	ND		ug/kg	0.68	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.95	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.68	0.23	1
Bromodichloromethane	ND		ug/kg	0.68	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.68	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.68	0.22	1
1,1-Dichloropropene	ND		ug/kg	0.68	0.22	1
Bromoform	ND		ug/kg	5.5	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.68	0.23	1
Benzene	ND		ug/kg	0.68	0.23	1
Toluene	ND		ug/kg	1.4	0.74	1
Ethylbenzene	ND		ug/kg	1.4	0.19	1
Chloromethane	ND		ug/kg	5.5	1.3	1
Bromomethane	ND		ug/kg	2.7	0.79	1
Vinyl chloride	ND		ug/kg	1.4	0.46	1
Chloroethane	ND		ug/kg	2.7	0.62	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.19	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-02
Client ID: SB05_N_40_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.68	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.76	1
o-Xylene	ND		ug/kg	1.4	0.40	1
Xylenes, Total	ND		ug/kg	1.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.2	1
Acetone	ND		ug/kg	14	6.6	1
Carbon disulfide	ND		ug/kg	14	6.2	1
2-Butanone	ND		ug/kg	14	3.0	1
Vinyl acetate	ND		ug/kg	14	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.28	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.68	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.1	1.4	1
Hexachlorobutadiene	ND		ug/kg	5.5	0.23	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.5	0.89	1
Acrylonitrile	ND		ug/kg	5.5	1.6	1
Tert-Butyl Alcohol	ND		ug/kg	27	7.0	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-02
Client ID: SB05_N_40_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.4	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.46	1
Methyl Acetate	ND		ug/kg	5.5	1.3	1
Acrolein	ND		ug/kg	34	7.7	1
Cyclohexane	ND		ug/kg	14	0.74	1
1,4-Dioxane	ND		ug/kg	110	48.	1
Freon-113	ND		ug/kg	5.5	0.95	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.47	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	1.9	1
Methyl cyclohexane	ND		ug/kg	5.5	0.82	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	94		70-130

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-03 Date Collected: 05/20/24 14:05
 Client ID: SB05_N_40_20-22 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 05/23/24 01:39
 Analyst: JIC
 Percent Solids: 29%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	31	14.	1
1,1-Dichloroethane	ND		ug/kg	6.3	0.91	1
Chloroform	ND		ug/kg	9.4	0.88	1
Carbon tetrachloride	ND		ug/kg	6.3	1.4	1
1,2-Dichloropropane	ND		ug/kg	6.3	0.78	1
Dibromochloromethane	ND		ug/kg	6.3	0.88	1
1,1,2-Trichloroethane	ND		ug/kg	6.3	1.7	1
Tetrachloroethene	ND		ug/kg	3.1	1.2	1
Chlorobenzene	ND		ug/kg	3.1	0.80	1
Trichlorofluoromethane	ND		ug/kg	25	4.4	1
1,2-Dichloroethane	ND		ug/kg	6.3	1.6	1
1,1,1-Trichloroethane	ND		ug/kg	3.1	1.0	1
Bromodichloromethane	ND		ug/kg	3.1	0.68	1
trans-1,3-Dichloropropene	ND		ug/kg	6.3	1.7	1
cis-1,3-Dichloropropene	ND		ug/kg	3.1	0.99	1
1,3-Dichloropropene, Total	ND		ug/kg	3.1	0.99	1
1,1-Dichloropropene	ND		ug/kg	3.1	1.0	1
Bromoform	ND		ug/kg	25	1.5	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.1	1.0	1
Benzene	1.1	J	ug/kg	3.1	1.0	1
Toluene	42		ug/kg	6.3	3.4	1
Ethylbenzene	1.2	J	ug/kg	6.3	0.88	1
Chloromethane	ND		ug/kg	25	5.8	1
Bromomethane	ND		ug/kg	12	3.6	1
Vinyl chloride	ND		ug/kg	6.3	2.1	1
Chloroethane	ND		ug/kg	12	2.8	1
1,1-Dichloroethene	ND		ug/kg	6.3	1.5	1
trans-1,2-Dichloroethene	ND		ug/kg	9.4	0.86	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-03
Client ID: SB05_N_40_20-22
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	3.1	0.86	1
1,2-Dichlorobenzene	ND		ug/kg	12	0.90	1
1,3-Dichlorobenzene	ND		ug/kg	12	0.93	1
1,4-Dichlorobenzene	ND		ug/kg	12	1.1	1
Methyl tert butyl ether	ND		ug/kg	12	1.2	1
p/m-Xylene	ND		ug/kg	12	3.5	1
o-Xylene	ND		ug/kg	6.3	1.8	1
Xylenes, Total	ND		ug/kg	6.3	1.8	1
cis-1,2-Dichloroethene	ND		ug/kg	6.3	1.1	1
Dibromomethane	ND		ug/kg	12	1.5	1
Styrene	ND		ug/kg	6.3	1.2	1
Dichlorodifluoromethane	ND		ug/kg	63	5.7	1
Acetone	340		ug/kg	63	30.	1
Carbon disulfide	31	J	ug/kg	63	28.	1
2-Butanone	29	J	ug/kg	63	14.	1
Vinyl acetate	ND		ug/kg	63	13.	1
4-Methyl-2-pentanone	ND		ug/kg	63	8.0	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.80	1
2-Hexanone	ND		ug/kg	63	7.4	1
Bromochloromethane	ND		ug/kg	12	1.3	1
2,2-Dichloropropane	ND		ug/kg	12	1.3	1
1,2-Dibromoethane	ND		ug/kg	6.3	1.7	1
1,3-Dichloropropane	ND		ug/kg	12	1.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.1	0.83	1
Bromobenzene	ND		ug/kg	12	0.91	1
n-Butylbenzene	ND		ug/kg	6.3	1.0	1
sec-Butylbenzene	ND		ug/kg	6.3	0.91	1
tert-Butylbenzene	ND		ug/kg	12	0.74	1
o-Chlorotoluene	ND		ug/kg	12	1.2	1
p-Chlorotoluene	ND		ug/kg	12	0.68	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	19	6.2	1
Hexachlorobutadiene	ND		ug/kg	25	1.0	1
Isopropylbenzene	ND		ug/kg	6.3	0.68	1
p-Isopropyltoluene	ND		ug/kg	6.3	0.68	1
Naphthalene	ND		ug/kg	25	4.1	1
Acrylonitrile	ND		ug/kg	25	7.2	1
Tert-Butyl Alcohol	ND		ug/kg	120	32.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-03
Client ID: SB05_N_40_20-22
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	6.3	1.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	12	2.0	1
1,2,4-Trichlorobenzene	ND		ug/kg	12	1.7	1
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	12	2.1	1
Methyl Acetate	ND		ug/kg	25	6.0	1
Acrolein	ND		ug/kg	160	35.	1
Cyclohexane	ND		ug/kg	63	3.4	1
1,4-Dioxane	ND		ug/kg	500	220	1
Freon-113	ND		ug/kg	25	4.3	1
p-Diethylbenzene	ND		ug/kg	12	1.1	1
p-Ethyltoluene	ND		ug/kg	12	2.4	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	12	1.2	1
Ethyl ether	ND		ug/kg	12	2.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	31	8.9	1
Methyl cyclohexane	ND		ug/kg	25	3.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-04 Date Collected: 05/20/24 14:40
 Client ID: SB05_R_4-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 05/23/24 12:57
 Analyst: JIC
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.19	1
Benzene	0.66		ug/kg	0.56	0.19	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.3	0.66	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-04
Client ID: SB05_R_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.19	1
Methyl tert butyl ether	0.40	J	ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.63	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	15		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.3	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.3	0.13	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1
Tert-Butyl Alcohol	ND		ug/kg	23	5.8	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-04
Client ID: SB05_R_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
Methyl Acetate	ND		ug/kg	4.5	1.1	1
Acrolein	ND		ug/kg	28	6.4	1
Cyclohexane	ND		ug/kg	11	0.62	1
1,4-Dioxane	ND		ug/kg	90	40.	1
Freon-113	ND		ug/kg	4.5	0.78	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1
Methyl cyclohexane	ND		ug/kg	4.5	0.68	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 05/23/24 08:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04 Batch: WG1925055-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 08:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04 Batch: WG1925055-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 08:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04 Batch: WG1925055-5					
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 08:12
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,04 Batch: WG1925055-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	91		70-130

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:03
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1925127-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:03
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1925127-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:03
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1925127-5					
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	0.33	J	ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Acrolein	ND		ug/kg	25	5.6
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/22/24 23:03
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1925127-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04 Batch: WG1925055-3 WG1925055-4								
Methylene chloride	87		84		70-130	4		30
1,1-Dichloroethane	84		83		70-130	1		30
Chloroform	80		80		70-130	0		30
Carbon tetrachloride	81		81		70-130	0		30
1,2-Dichloropropane	85		84		70-130	1		30
Dibromochloromethane	85		85		70-130	0		30
1,1,2-Trichloroethane	88		89		70-130	1		30
Tetrachloroethene	88		88		70-130	0		30
Chlorobenzene	90		91		70-130	1		30
Trichlorofluoromethane	82		81		70-139	1		30
1,2-Dichloroethane	70		71		70-130	1		30
1,1,1-Trichloroethane	83		80		70-130	4		30
Bromodichloromethane	80		81		70-130	1		30
trans-1,3-Dichloropropene	89		91		70-130	2		30
cis-1,3-Dichloropropene	91		91		70-130	0		30
1,1-Dichloropropene	92		89		70-130	3		30
Bromoform	81		83		70-130	2		30
1,1,1,2-Tetrachloroethane	93		91		70-130	2		30
Benzene	90		87		70-130	3		30
Toluene	89		90		70-130	1		30
Ethylbenzene	88		88		70-130	0		30
Chloromethane	87		82		52-130	6		30
Bromomethane	84		80		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04 Batch: WG1925055-3 WG1925055-4								
Vinyl chloride	96		92		67-130	4		30
Chloroethane	97		94		50-151	3		30
1,1-Dichloroethene	98		93		65-135	5		30
trans-1,2-Dichloroethene	91		91		70-130	0		30
Trichloroethene	88		88		70-130	0		30
1,2-Dichlorobenzene	90		91		70-130	1		30
1,3-Dichlorobenzene	91		93		70-130	2		30
1,4-Dichlorobenzene	89		89		70-130	0		30
Methyl tert butyl ether	82		83		66-130	1		30
p/m-Xylene	92		91		70-130	1		30
o-Xylene	89		90		70-130	1		30
cis-1,2-Dichloroethene	90		88		70-130	2		30
Dibromomethane	80		78		70-130	3		30
Styrene	89		89		70-130	0		30
Dichlorodifluoromethane	81		77		30-146	5		30
Acetone	77		67		54-140	14		30
Carbon disulfide	94		88		59-130	7		30
2-Butanone	82		84		70-130	2		30
Vinyl acetate	80		69	Q	70-130	15		30
4-Methyl-2-pentanone	86		88		70-130	2		30
1,2,3-Trichloropropane	85		86		68-130	1		30
2-Hexanone	76		78		70-130	3		30
Bromochloromethane	87		86		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04 Batch: WG1925055-3 WG1925055-4								
2,2-Dichloropropane	87		85		70-130	2		30
1,2-Dibromoethane	90		93		70-130	3		30
1,3-Dichloropropane	86		88		69-130	2		30
1,1,1,2-Tetrachloroethane	85		89		70-130	5		30
Bromobenzene	89		89		70-130	0		30
n-Butylbenzene	98		96		70-130	2		30
sec-Butylbenzene	94		93		70-130	1		30
tert-Butylbenzene	94		93		70-130	1		30
o-Chlorotoluene	94		91		70-130	3		30
p-Chlorotoluene	94		93		70-130	1		30
1,2-Dibromo-3-chloropropane	84		87		68-130	4		30
Hexachlorobutadiene	76		78		67-130	3		30
Isopropylbenzene	96		95		70-130	1		30
p-Isopropyltoluene	97		95		70-130	2		30
Naphthalene	90		93		70-130	3		30
Acrylonitrile	84		87		70-130	4		30
Tert-Butyl Alcohol	79		80		70-130	1		30
n-Propylbenzene	96		96		70-130	0		30
1,2,3-Trichlorobenzene	82		84		70-130	2		30
1,2,4-Trichlorobenzene	90		91		70-130	1		30
1,3,5-Trimethylbenzene	94		94		70-130	0		30
1,2,4-Trimethylbenzene	95		94		70-130	1		30
Methyl Acetate	83		85		51-146	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,04 Batch: WG1925055-3 WG1925055-4								
Acrolein	88		88		70-130	0		30
Cyclohexane	88		86		59-142	2		30
1,4-Dioxane	74		91		65-136	21		30
Freon-113	94		91		50-139	3		30
p-Diethylbenzene	98		98		70-130	0		30
p-Ethyltoluene	97		97		70-130	0		30
1,2,4,5-Tetramethylbenzene	96		95		70-130	1		30
Ethyl ether	93		94		67-130	1		30
trans-1,4-Dichloro-2-butene	85		86		70-130	1		30
Methyl cyclohexane	91		88		70-130	3		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	81		84		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	94		91		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1925127-3 WG1925127-4								
Methylene chloride	97		87		70-130	11		30
1,1-Dichloroethane	100		89		70-130	12		30
Chloroform	92		84		70-130	9		30
Carbon tetrachloride	91		82		70-130	10		30
1,2-Dichloropropane	98		95		70-130	3		30
Dibromochloromethane	98		94		70-130	4		30
1,1,2-Trichloroethane	94		90		70-130	4		30
Tetrachloroethene	101		89		70-130	13		30
Chlorobenzene	101		95		70-130	6		30
Trichlorofluoromethane	105		86		70-139	20		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	94		84		70-130	11		30
Bromodichloromethane	91		88		70-130	3		30
trans-1,3-Dichloropropene	98		95		70-130	3		30
cis-1,3-Dichloropropene	96		92		70-130	4		30
1,1-Dichloropropene	99		88		70-130	12		30
Bromoform	91		90		70-130	1		30
1,1,2,2-Tetrachloroethane	88		88		70-130	0		30
Benzene	100		92		70-130	8		30
Toluene	99		90		70-130	10		30
Ethylbenzene	100		91		70-130	9		30
Chloromethane	82		70		52-130	16		30
Bromomethane	121		105		57-147	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1925127-3 WG1925127-4								
Vinyl chloride	108		88		67-130	20		30
Chloroethane	115		98		50-151	16		30
1,1-Dichloroethene	101		86		65-135	16		30
trans-1,2-Dichloroethene	100		89		70-130	12		30
Trichloroethene	96		88		70-130	9		30
1,2-Dichlorobenzene	104		96		70-130	8		30
1,3-Dichlorobenzene	104		95		70-130	9		30
1,4-Dichlorobenzene	102		92		70-130	10		30
Methyl tert butyl ether	97		93		66-130	4		30
p/m-Xylene	103		93		70-130	10		30
o-Xylene	101		93		70-130	8		30
cis-1,2-Dichloroethene	98		87		70-130	12		30
Dibromomethane	92		92		70-130	0		30
Styrene	105		96		70-130	9		30
Dichlorodifluoromethane	96		80		30-146	18		30
Acetone	94		90		54-140	4		30
Carbon disulfide	100		85		59-130	16		30
2-Butanone	71		76		70-130	7		30
Vinyl acetate	61	Q	60	Q	70-130	2		30
4-Methyl-2-pentanone	97		98		70-130	1		30
1,2,3-Trichloropropane	94		93		68-130	1		30
2-Hexanone	79		84		70-130	6		30
Bromochloromethane	97		92		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1925127-3 WG1925127-4								
2,2-Dichloropropane	92		81		70-130	13		30
1,2-Dibromoethane	94		91		70-130	3		30
1,3-Dichloropropane	98		95		69-130	3		30
1,1,1,2-Tetrachloroethane	95		88		70-130	8		30
Bromobenzene	101		94		70-130	7		30
n-Butylbenzene	106		93		70-130	13		30
sec-Butylbenzene	103		92		70-130	11		30
tert-Butylbenzene	100		91		70-130	9		30
o-Chlorotoluene	98		89		70-130	10		30
p-Chlorotoluene	96		86		70-130	11		30
1,2-Dibromo-3-chloropropane	92		94		68-130	2		30
Hexachlorobutadiene	112		101		67-130	10		30
Isopropylbenzene	102		91		70-130	11		30
p-Isopropyltoluene	106		95		70-130	11		30
Naphthalene	98		97		70-130	1		30
Acrylonitrile	86		90		70-130	5		30
Tert-Butyl Alcohol	96		100		70-130	4		30
n-Propylbenzene	101		91		70-130	10		30
1,2,3-Trichlorobenzene	105		99		70-130	6		30
1,2,4-Trichlorobenzene	114		103		70-130	10		30
1,3,5-Trimethylbenzene	100		90		70-130	11		30
1,2,4-Trimethylbenzene	102		93		70-130	9		30
Methyl Acetate	74		77		51-146	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1925127-3 WG1925127-4								
Acrolein	150	Q	145	Q	70-130	3		30
Cyclohexane	98		86		59-142	13		30
1,4-Dioxane	111		120		65-136	8		30
Freon-113	109		92		50-139	17		30
p-Diethylbenzene	107		93		70-130	14		30
p-Ethyltoluene	101		90		70-130	12		30
1,2,4,5-Tetramethylbenzene	104		93		70-130	11		30
Ethyl ether	100		91		67-130	9		30
trans-1,4-Dichloro-2-butene	86		86		70-130	0		30
Methyl cyclohexane	98		88		70-130	11		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		91		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	94		96		70-130
Dibromofluoromethane	97		97		70-130

SEMIVOLATILES

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01 Date Collected: 05/20/24 15:30
 Client ID: DS01_COMP_6-30 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 05/22/24 10:04
 Analytical Date: 05/23/24 10:11
 Analyst: EK
 Percent Solids: 30%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	450	58.	1
Benzidine	ND		ug/kg	1800	610	1
1,2,4-Trichlorobenzene	ND		ug/kg	560	64.	1
Hexachlorobenzene	ND		ug/kg	340	63.	1
Bis(2-chloroethyl)ether	ND		ug/kg	500	76.	1
2-Chloronaphthalene	ND		ug/kg	560	56.	1
1,2-Dichlorobenzene	ND		ug/kg	560	100	1
1,3-Dichlorobenzene	ND		ug/kg	560	97.	1
1,4-Dichlorobenzene	ND		ug/kg	560	98.	1
3,3'-Dichlorobenzidine	ND		ug/kg	560	150	1
2,4-Dinitrotoluene	ND		ug/kg	560	110	1
2,6-Dinitrotoluene	ND		ug/kg	560	96.	1
Azobenzene	ND		ug/kg	560	54.	1
Fluoranthene	160	J	ug/kg	340	64.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	560	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	560	86.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	670	96.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	610	56.	1
Hexachlorobutadiene	ND		ug/kg	560	82.	1
Hexachlorocyclopentadiene	ND		ug/kg	1600	510	1
Hexachloroethane	ND		ug/kg	450	91.	1
Isophorone	ND		ug/kg	500	73.	1
Naphthalene	ND		ug/kg	560	68.	1
Nitrobenzene	ND		ug/kg	500	83.	1
NDPA/DPA	ND		ug/kg	450	64.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	560	87.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	560	190	1
Butyl benzyl phthalate	ND		ug/kg	560	140	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01
Client ID: DS01_COMP_6-30
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 15:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	560	110	1
Di-n-octylphthalate	ND		ug/kg	560	190	1
Diethyl phthalate	ND		ug/kg	560	52.	1
Dimethyl phthalate	ND		ug/kg	560	120	1
Benzo(a)anthracene	100	J	ug/kg	340	63.	1
Benzo(a)pyrene	ND		ug/kg	450	140	1
Benzo(b)fluoranthene	140	J	ug/kg	340	95.	1
Benzo(k)fluoranthene	ND		ug/kg	340	90.	1
Chrysene	100	J	ug/kg	340	58.	1
Acenaphthylene	ND		ug/kg	450	87.	1
Anthracene	ND		ug/kg	340	110	1
Benzo(ghi)perylene	ND		ug/kg	450	66.	1
Fluorene	ND		ug/kg	560	55.	1
Phenanthrene	90	J	ug/kg	340	68.	1
Dibenzo(a,h)anthracene	ND		ug/kg	340	65.	1
Indeno(1,2,3-cd)pyrene	78	J	ug/kg	450	78.	1
Pyrene	160	J	ug/kg	340	56.	1
Biphenyl	ND		ug/kg	1300	73.	1
4-Chloroaniline	ND		ug/kg	560	100	1
2-Nitroaniline	ND		ug/kg	560	110	1
3-Nitroaniline	ND		ug/kg	560	100	1
4-Nitroaniline	ND		ug/kg	560	230	1
Dibenzofuran	ND		ug/kg	560	53.	1
2-Methylnaphthalene	ND		ug/kg	670	68.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	560	59.	1
Acetophenone	ND		ug/kg	560	70.	1
n-Nitrosodimethylamine	ND		ug/kg	1100	110	1
2,4,6-Trichlorophenol	ND		ug/kg	340	110	1
p-Chloro-m-cresol	ND		ug/kg	560	84.	1
2-Chlorophenol	ND		ug/kg	560	66.	1
2,4-Dichlorophenol	ND		ug/kg	500	90.	1
2,4-Dimethylphenol	ND		ug/kg	560	180	1
2-Nitrophenol	ND		ug/kg	1200	210	1
4-Nitrophenol	ND		ug/kg	790	230	1
2,4-Dinitrophenol	ND		ug/kg	2700	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	1500	270	1
Pentachlorophenol	ND		ug/kg	450	120	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01 Date Collected: 05/20/24 15:30
 Client ID: DS01_COMP_6-30 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	3300		ug/kg	560	85.	1
2-Methylphenol	ND		ug/kg	560	87.	1
3-Methylphenol/4-Methylphenol	2000		ug/kg	810	88.	1
2,4,5-Trichlorophenol	ND		ug/kg	560	110	1
Benzoic Acid	ND		ug/kg	1800	570	1
Benzyl Alcohol	ND		ug/kg	560	170	1
Carbazole	ND		ug/kg	560	55.	1
Atrazine	ND		ug/kg	450	200	1
Benzaldehyde	ND		ug/kg	740	150	1
Caprolactam	ND		ug/kg	560	170	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	560	110	1
1,4-Dioxane	ND		ug/kg	84	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	36		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 03:59
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/22/24 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1924387-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	530	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 03:59
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/22/24 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1924387-1					
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	320	31.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 05/23/24 03:59
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 05/22/24 10:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1924387-1					
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	81		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1924387-2 WG1924387-3								
Acenaphthene	91		79		31-137	14		50
Benzidine	72	Q	63		10-66	13		50
1,2,4-Trichlorobenzene	88		77		38-107	13		50
Hexachlorobenzene	92		78		40-140	16		50
Bis(2-chloroethyl)ether	94		81		40-140	15		50
2-Chloronaphthalene	93		81		40-140	14		50
1,2-Dichlorobenzene	85		74		40-140	14		50
1,3-Dichlorobenzene	84		74		40-140	13		50
1,4-Dichlorobenzene	85		73		28-104	15		50
3,3'-Dichlorobenzidine	81		71		40-140	13		50
2,4-Dinitrotoluene	110		93		40-132	17		50
2,6-Dinitrotoluene	110		93		40-140	17		50
Azobenzene	96		81		40-140	17		50
Fluoranthene	97		82		40-140	17		50
4-Chlorophenyl phenyl ether	92		79		40-140	15		50
4-Bromophenyl phenyl ether	92		82		40-140	11		50
Bis(2-chloroisopropyl)ether	100		90		40-140	11		50
Bis(2-chloroethoxy)methane	99		87		40-117	13		50
Hexachlorobutadiene	82		73		40-140	12		50
Hexachlorocyclopentadiene	126		108		40-140	15		50
Hexachloroethane	88		78		40-140	12		50
Isophorone	96		82		40-140	16		50
Naphthalene	90		80		40-140	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1924387-2 WG1924387-3								
Nitrobenzene	95		84		40-140	12		50
NDPA/DPA	93		80		36-157	15		50
n-Nitrosodi-n-propylamine	94		84		32-121	11		50
Bis(2-ethylhexyl)phthalate	121		103		40-140	16		50
Butyl benzyl phthalate	120		100		40-140	18		50
Di-n-butylphthalate	101		85		40-140	17		50
Di-n-octylphthalate	126		106		40-140	17		50
Diethyl phthalate	91		78		40-140	15		50
Dimethyl phthalate	97		82		40-140	17		50
Benzo(a)anthracene	97		82		40-140	17		50
Benzo(a)pyrene	106		88		40-140	19		50
Benzo(b)fluoranthene	104		89		40-140	16		50
Benzo(k)fluoranthene	102		85		40-140	18		50
Chrysene	101		84		40-140	18		50
Acenaphthylene	97		84		40-140	14		50
Anthracene	96		81		40-140	17		50
Benzo(ghi)perylene	101		85		40-140	17		50
Fluorene	92		79		40-140	15		50
Phenanthrene	93		79		40-140	16		50
Dibenzo(a,h)anthracene	99		84		40-140	16		50
Indeno(1,2,3-cd)pyrene	102		87		40-140	16		50
Pyrene	96		82		35-142	16		50
Biphenyl	90		80		37-127	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1924387-2 WG1924387-3								
4-Chloroaniline	86		75		40-140	14		50
2-Nitroaniline	112		97		47-134	14		50
3-Nitroaniline	94		80		26-129	16		50
4-Nitroaniline	101		86		41-125	16		50
Dibenzofuran	89		78		40-140	13		50
2-Methylnaphthalene	96		83		40-140	15		50
1,2,4,5-Tetrachlorobenzene	88		76		40-117	15		50
Acetophenone	93		82		14-144	13		50
n-Nitrosodimethylamine	94		80		22-100	16		50
2,4,6-Trichlorophenol	104		90		30-130	14		50
p-Chloro-m-cresol	102		87		26-103	16		50
2-Chlorophenol	93		82		25-102	13		50
2,4-Dichlorophenol	100		86		30-130	15		50
2,4-Dimethylphenol	116		100		30-130	15		50
2-Nitrophenol	111		99		30-130	11		50
4-Nitrophenol	114		95		11-114	18		50
2,4-Dinitrophenol	99		83		4-130	18		50
4,6-Dinitro-o-cresol	118		102		10-130	15		50
Pentachlorophenol	91		80		17-109	13		50
Phenol	90		80		26-90	12		50
2-Methylphenol	100		87		30-130	14		50
3-Methylphenol/4-Methylphenol	100		87		30-130	14		50
2,4,5-Trichlorophenol	103		89		30-130	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1924387-2 WG1924387-3								
Benzoic Acid	41		39		10-110	5		50
Benzyl Alcohol	96		83		40-140	15		50
Carbazole	100		85		54-128	16		50
Atrazine	87		75		40-140	15		50
Benzaldehyde	82		75		40-140	9		50
Caprolactam	134	Q	115		15-130	15		50
2,3,4,6-Tetrachlorophenol	98		86		40-140	13		50
1,4-Dioxane	70		63		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		81		25-120
Phenol-d6	90		80		10-120
Nitrobenzene-d5	88		77		23-120
2-Fluorobiphenyl	84		75		30-120
2,4,6-Tribromophenol	82		72		10-136
4-Terphenyl-d14	86		72		18-120

PETROLEUM HYDROCARBONS

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-02 Date Collected: 05/20/24 14:00
 Client ID: SB05_N_40_4-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 05/28/24 07:46
 Analyst: CRE
 Percent Solids: 95%

Extraction Method: EPA 3546
 Extraction Date: 05/22/24 00:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	41.1		mg/kg	24.2	24.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	101		40-140
o-Terphenyl	102		40-140

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-03 Date Collected: 05/20/24 14:05
 Client ID: SB05_N_40_20-22 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 103,NJDEP EPH
 Analytical Date: 05/28/24 09:16
 Analyst: CRE
 Percent Solids: 29%

Extraction Method: EPA 3546
 Extraction Date: 05/22/24 00:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab						
Total EPH	1270		mg/kg	116	116.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		40-140
o-Terphenyl	77		40-140

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-04 D Date Collected: 05/20/24 14:40
 Client ID: SB05_R_4-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 103,NJDEP EPH Extraction Date: 05/22/24 00:06
 Analytical Date: 05/28/24 11:07 Cleanup Method: NJDEP EPH
 Analyst: SR Cleanup Date: 05/26/24
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
NJ Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C12 Aliphatics	ND		mg/kg	42.8	42.8	5
C12-C16 Aliphatics	49.4		mg/kg	28.5	28.5	5
C16-C21 Aliphatics	148		mg/kg	42.8	42.8	5
C21-C40 Aliphatics	463		mg/kg	143	143.	5
C10-C12 Aromatics	ND		mg/kg	28.5	28.5	5
C12-C16 Aromatics	ND		mg/kg	42.8	42.8	5
C16-C21 Aromatics	274		mg/kg	71.3	71.3	5
C21-C36 Aromatics	772		mg/kg	114	114.	5
Total EPH	1710		mg/kg	28.5	28.5	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	50		40-140
o-Terphenyl	89		40-140
2-Fluorobiphenyl	105		40-140
2-Bromonaphthalene	105		40-140

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 103,NJDEP EPH
Analytical Date: 05/28/24 08:46
Analyst: CRE

Extraction Method: EPA 3546
Extraction Date: 05/21/24 23:24

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab for sample(s): 02-03 Batch: WG1924141-1					
Total EPH	ND		mg/kg	23.7	23.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	120		40-140
o-Terphenyl	119		40-140

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 103,NJDEP EPH
Analytical Date: 05/28/24 10:42
Analyst: SR

Extraction Method: EPA 3546
Extraction Date: 05/21/24 23:24
Cleanup Method: NJDEP EPH
Cleanup Date: 05/26/24

Parameter	Result	Qualifier	Units	RL	MDL
NJ Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 04 Batch: WG1926037-1					
C9-C12 Aliphatics	ND		mg/kg	7.92	7.92
C12-C16 Aliphatics	ND		mg/kg	5.28	5.28
C16-C21 Aliphatics	ND		mg/kg	7.92	7.92
C21-C40 Aliphatics	ND		mg/kg	26.4	26.4
C10-C12 Aromatics	ND		mg/kg	5.28	5.28
C12-C16 Aromatics	ND		mg/kg	7.92	7.92
C16-C21 Aromatics	ND		mg/kg	13.2	13.2
C21-C36 Aromatics	ND		mg/kg	21.1	21.1
Total EPH	ND		mg/kg	5.28	5.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	49		40-140
o-Terphenyl	82		40-140
2-Fluorobiphenyl	96		40-140
2-Bromonaphthalene	96		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 02-03 Batch: WG1924141-2 WG1924141-3								
Total EPH	137		138		40-140	1		25
Nonane (C9)	114		125		40-140	9		25
Decane (C10)	115		126		40-140	9		25
Dodecane (C12)	115		126		40-140	9		25
Tetradecane (C14)	117		127		40-140	8		25
Hexadecane (C16)	123		128		40-140	4		25
Octadecane (C18)	128		132		40-140	3		25
Eicosane (C20)	120		124		40-140	3		25
Heneicosane (C21)	123		127		40-140	3		25
Docosane (C22)	122		126		40-140	3		25
Tetracosane (C24)	121		127		40-140	5		25
Hexacosane (C26)	119		126		40-140	6		25
Octacosane (C28)	122		129		40-140	6		25
triacontane (C30)	118		125		40-140	6		25
Dotriacontane (C32)	121		128		40-140	6		25
Tetracontane (C34)	119		126		40-140	6		25
Hexatriacontane (C36)	122		130		40-140	6		25
Octatriacontane (C38)	120		128		40-140	6		25
Tetracontane (C40)	123		131		40-140	6		25

Lab Control Sample Analysis**Batch Quality Control****Project Name:** MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2427953**Project Number:** 170702901**Report Date:** 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 02-03 Batch: WG1924141-2 WG1924141-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	121		123		40-140
o-Terphenyl	120		122		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 04 Batch: WG1926037-2 WG1926037-3								
C9-C12 Aliphatics	53		50		40-140	6		25
C12-C16 Aliphatics	69		58		40-140	17		25
C16-C21 Aliphatics	79		61		40-140	26	Q	25
C21-C40 Aliphatics	84		66		40-140	24		25
C10-C12 Aromatics	78		76		40-140	3		25
C12-C16 Aromatics	87		78		40-140	11		25
C16-C21 Aromatics	101		87		40-140	15		25
C21-C36 Aromatics	101		87		40-140	15		25
Nonane (C9)	45		43		40-140	5		25
Decane (C10)	51		48		40-140	6		25
Dodecane (C12)	55		51		40-140	8		25
Tetradecane (C14)	61		53		40-140	14		25
Hexadecane (C16)	68		56		40-140	19		25
Octadecane (C18)	72		57		40-140	23		25
Eicosane (C20)	77		60		40-140	25		25
Heneicosane (C21)	76		60		40-140	24		25
Docosane (C22)	77		60		40-140	25		25
Tetracosane (C24)	77		60		40-140	25		25
Hexacosane (C26)	76		59		40-140	25		25
Octacosane (C28)	77		60		40-140	25		25
Triacontane (C30)	78		60		40-140	26	Q	25
Dotriacontane (C32)	78		61		40-140	24		25
Tetratriacontane (C34)	80		61		40-140	27	Q	25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 04 Batch: WG1926037-2 WG1926037-3								
Hexatriacontane (C36)	84		64		40-140	27	Q	25
Octatriacontane (C38)	83		65		40-140	24		25
Tetracontane (C40)	84		66		40-140	24		25
Acenaphthene	85		77		40-140	10		25
Acenaphthylene	81		74		40-140	9		25
Anthracene	93		81		40-140	14		25
Benzo(a)anthracene	99		85		40-140	15		25
Benzo(a)pyrene	102		87		40-140	16		25
Benzo(b)fluoranthene	96		81		40-140	17		25
Benzo(ghi)perylene	92		78		40-140	16		25
Benzo(k)fluoranthene	94		79		40-140	17		25
Chrysene	100		86		40-140	15		25
Dibenzo(a,h)anthracene	104		85		40-140	20		25
Fluoranthene	106		92		40-140	14		25
Fluorene	91		80		40-140	13		25
Indeno(1,2,3-cd)Pyrene	100		83		40-140	19		25
2-Methylnaphthalene	81		75		40-140	8		25
Naphthalene	77		72		40-140	7		25
Phenanthrene	94		81		40-140	15		25
Pyrene	98		85		40-140	14		25
1,2,3-Trimethylbenzene	73		68		40-140	7		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 04 Batch: WG1926037-2 WG1926037-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	65		48		40-140
o-Terphenyl	93		79		40-140
2-Fluorobiphenyl	105		89		40-140
2-Bromonaphthalene	106		90		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Duplicate Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
NJ Extractable Petroleum Hydrocarbons (Total) - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1924141-5 QC Sample: L2427920-15 Client ID: DUP Sample						
Total EPH	12900	14400	mg/kg	11		50

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	0	Q	0	Q	40-140
o-Terphenyl	0	Q	0	Q	40-140



PCBS

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01 Date Collected: 05/20/24 15:30
 Client ID: DS01_COMP_6-30 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8082A Extraction Date: 05/22/24 09:10
 Analytical Date: 05/23/24 22:31 Cleanup Method: EPA 3665A
 Analyst: MEO Cleanup Date: 05/23/24
 Percent Solids: 30% Cleanup Method: EPA 3660B
 Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	158	14.1	1	A
Aroclor 1221	ND		ug/kg	158	15.9	1	A
Aroclor 1232	ND		ug/kg	158	33.6	1	A
Aroclor 1242	ND		ug/kg	158	21.4	1	A
Aroclor 1248	ND		ug/kg	158	23.8	1	A
Aroclor 1254	ND		ug/kg	158	17.3	1	A
Aroclor 1260	ND		ug/kg	158	29.3	1	A
Aroclor 1262	ND		ug/kg	158	20.1	1	A
Aroclor 1268	ND		ug/kg	158	16.4	1	A
PCBs, Total	ND		ug/kg	158	14.1	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 05/23/24 21:10
Analyst: MEO

Extraction Method: EPA 3546
Extraction Date: 05/22/24 09:10
Cleanup Method: EPA 3665A
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1924341-1						
Aroclor 1016	ND		ug/kg	49.9	4.43	A
Aroclor 1221	ND		ug/kg	49.9	5.00	A
Aroclor 1232	ND		ug/kg	49.9	10.6	A
Aroclor 1242	ND		ug/kg	49.9	6.73	A
Aroclor 1248	ND		ug/kg	49.9	7.48	A
Aroclor 1254	ND		ug/kg	49.9	5.46	A
Aroclor 1260	ND		ug/kg	49.9	9.22	A
Aroclor 1262	ND		ug/kg	49.9	6.34	A
Aroclor 1268	ND		ug/kg	49.9	5.17	A
PCBs, Total	ND		ug/kg	49.9	4.43	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	43		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1924341-2 WG1924341-3									
Aroclor 1016	56		64		40-140	13		50	A
Aroclor 1260	47		51		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		65		30-150	A
Decachlorobiphenyl	50		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		65		30-150	B
Decachlorobiphenyl	44		48		30-150	B



PESTICIDES

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01 Date Collected: 05/20/24 15:30
 Client ID: DS01_COMP_6-30 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8081B Extraction Date: 05/22/24 10:52
 Analytical Date: 05/24/24 02:24 Cleanup Method: EPA 3620B
 Analyst: JAG Cleanup Date: 05/23/24
 Percent Solids: 30% Cleanup Method: EPA 3660B
 Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	5.28	1.03	1	B
Lindane	ND		ug/kg	2.20	0.983	1	B
Alpha-BHC	ND		ug/kg	2.20	0.625	1	B
Beta-BHC	ND		ug/kg	5.28	2.00	1	B
Heptachlor	ND		ug/kg	2.64	1.18	1	B
Aldrin	ND		ug/kg	5.28	1.86	1	B
Heptachlor epoxide	ND		ug/kg	9.90	2.97	1	B
Endrin	ND		ug/kg	2.20	0.902	1	B
Endrin aldehyde	ND		ug/kg	6.60	2.31	1	B
Endrin ketone	ND		ug/kg	5.28	1.36	1	B
Dieldrin	ND		ug/kg	3.30	1.65	1	B
4,4'-DDE	ND		ug/kg	5.28	1.22	1	B
4,4'-DDD	ND		ug/kg	5.28	1.88	1	B
4,4'-DDT	ND		ug/kg	5.28	4.24	1	B
Endosulfan I	ND		ug/kg	5.28	1.25	1	B
Endosulfan II	ND		ug/kg	5.28	1.76	1	B
Endosulfan sulfate	ND		ug/kg	2.20	1.05	1	B
Methoxychlor	ND		ug/kg	9.90	3.08	1	B
Toxaphene	ND		ug/kg	99.0	27.7	1	B
cis-Chlordane	ND		ug/kg	6.60	1.84	1	B
trans-Chlordane	ND		ug/kg	6.60	1.74	1	B
Chlordane	ND		ug/kg	44.0	17.5	1	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01 Date Collected: 05/20/24 15:30
 Client ID: DS01_COMP_6-30 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	0	Q	30-150	A
Decachlorobiphenyl	0	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01 Date Collected: 05/20/24 15:30
 Client ID: DS01_COMP_6-30 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 8151A
 Analytical Method: 1,8151A Extraction Date: 05/22/24 09:47
 Analytical Date: 05/24/24 10:58
 Analyst: PEG
 Percent Solids: 30%
 Methylation Date: 05/24/24 06:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	547	34.4	1	A
2,4,5-T	ND		ug/kg	547	17.0	1	A
2,4,5-TP (Silvex)	ND		ug/kg	547	14.5	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	49		30-150	A
DCAA	50		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/24/24 11:05
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 05/22/24 09:47

Methylation Date: 05/24/24 06:26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG1924367-1						
2,4-D	ND		ug/kg	163	10.2	A
2,4,5-T	ND		ug/kg	163	5.04	A
2,4,5-TP (Silvex)	ND		ug/kg	163	4.33	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	66		30-150	A
DCAA	75		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/24/24 01:48
Analyst: JAG

Extraction Method: EPA 3546
Extraction Date: 05/22/24 10:52
Cleanup Method: EPA 3620B
Cleanup Date: 05/23/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1924428-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.630	0.281	A
Alpha-BHC	ND		ug/kg	0.630	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.756	0.339	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.83	0.850	A
Endrin	ND		ug/kg	0.630	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.661	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.944	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	1.51	1.22	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.630	0.300	A
Methoxychlor	ND		ug/kg	2.83	0.882	A
Toxaphene	ND		ug/kg	28.3	7.93	A
cis-Chlordane	ND		ug/kg	1.89	0.526	A
trans-Chlordane	ND		ug/kg	1.89	0.499	A
Chlordane	ND		ug/kg	12.6	5.01	A

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 05/24/24 01:48
 Analyst: JAG

Extraction Method: EPA 3546
 Extraction Date: 05/22/24 10:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/23/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/23/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1924428-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1924367-2 WG1924367-3									
2,4-D	63		66		30-150	5		30	A
2,4,5-T	70		72		30-150	3		30	A
2,4,5-TP (Silvex)	67		71		30-150	6		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	64		66		30-150	A
DCAA	80		87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1924428-2 WG1924428-3									
Delta-BHC	93		88		30-150	6		30	A
Lindane	92		89		30-150	3		30	A
Alpha-BHC	93		89		30-150	4		30	A
Beta-BHC	91		87		30-150	4		30	A
Heptachlor	93		91		30-150	2		30	A
Aldrin	98		94		30-150	4		30	A
Heptachlor epoxide	82		79		30-150	4		30	A
Endrin	106		100		30-150	6		30	A
Endrin aldehyde	81		78		30-150	4		30	A
Endrin ketone	96		93		30-150	3		30	A
Dieldrin	113		108		30-150	5		30	A
4,4'-DDE	105		102		30-150	3		30	A
4,4'-DDD	114		108		30-150	5		30	A
4,4'-DDT	103		100		30-150	3		30	A
Endosulfan I	100		95		30-150	5		30	A
Endosulfan II	110		104		30-150	6		30	A
Endosulfan sulfate	90		87		30-150	3		30	A
Methoxychlor	99		97		30-150	2		30	A
cis-Chlordane	93		89		30-150	4		30	A
trans-Chlordane	108		103		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1924428-2 WG1924428-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		80		30-150	A
Decachlorobiphenyl	60		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		83		30-150	B
Decachlorobiphenyl	90		87		30-150	B

METALS

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2427953**Project Number:** 170702901**Report Date:** 06/04/24**SAMPLE RESULTS**

Lab ID: L2427953-01

Date Collected: 05/20/24 15:30

Client ID: DS01_COMP_6-30

Date Received: 05/20/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 05:10

Matrix: Soil

Percent Solids: 30%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	05/24/24 00:02	05/24/24 09:44	EPA 3015	1,6010D	MAM
Barium, TCLP	0.385	J	mg/l	0.500	0.0210	1	05/24/24 00:02	05/24/24 09:44	EPA 3015	1,6010D	MAM
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/24/24 00:02	05/24/24 09:44	EPA 3015	1,6010D	MAM
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/24/24 00:02	05/24/24 09:44	EPA 3015	1,6010D	MAM
Lead, TCLP	0.217	J	mg/l	0.500	0.0270	1	05/24/24 00:02	05/24/24 09:44	EPA 3015	1,6010D	MAM
Mercury, TCLP	0.0005	J	mg/l	0.0010	0.0005	1	05/23/24 23:56	05/24/24 10:16	EPA 7470A	1,7470A	JWN
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/24/24 00:02	05/24/24 09:44	EPA 3015	1,6010D	MAM
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/24/24 00:02	05/24/24 09:44	EPA 3015	1,6010D	MAM



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2427953**Project Number:** 170702901**Report Date:** 06/04/24**SAMPLE RESULTS**

Lab ID: L2427953-01

Date Collected: 05/20/24 15:30

Client ID: DS01_COMP_6-30

Date Received: 05/20/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 30%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8050		mg/kg	26.0	7.02	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Antimony, Total	2.16	J	mg/kg	13.0	0.988	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Arsenic, Total	10.9		mg/kg	2.60	0.541	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Barium, Total	112		mg/kg	2.60	0.453	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.493	J	mg/kg	1.30	0.086	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.528	J	mg/kg	2.60	0.255	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Calcium, Total	6730		mg/kg	26.0	9.10	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Chromium, Total	21.6		mg/kg	2.60	0.250	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Cobalt, Total	10.5		mg/kg	5.20	0.432	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Copper, Total	45.5		mg/kg	2.60	0.671	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Iron, Total	26800		mg/kg	13.0	2.35	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Lead, Total	329		mg/kg	13.0	0.697	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Magnesium, Total	4100		mg/kg	26.0	4.01	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Manganese, Total	727		mg/kg	2.60	0.414	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Mercury, Total	0.897		mg/kg	0.237	0.154	1	05/24/24 01:19	05/24/24 14:29	EPA 7471B	1,7471B	MJR
Nickel, Total	36.7		mg/kg	6.50	0.630	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Potassium, Total	1270		mg/kg	650	37.5	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Selenium, Total	1.54	J	mg/kg	5.20	0.671	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	1.30	0.736	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Sodium, Total	4860		mg/kg	520	8.19	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	5.20	0.819	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Vanadium, Total	34.2		mg/kg	2.60	0.528	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
Zinc, Total	160		mg/kg	13.0	0.762	2	05/24/24 00:27	05/24/24 09:30	EPA 3050B	1,6010D	JMF
General Chemistry - Mansfield Lab											
Chromium, Trivalent	21.6		mg/kg	2.71	0.542	1		05/28/24 13:40	NA	107,-	



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2427953**Project Number:** 170702901**Report Date:** 06/04/24**SAMPLE RESULTS**

Lab ID: L2427953-05

Date Collected: 05/20/24 14:45

Client ID: SB05_R_0-2

Date Received: 05/20/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 05:10

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.198	J	mg/l	0.500	0.0270	1	05/24/24 00:02	05/24/24 10:22	EPA 3015	1,6010D	MAM
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-05
 Client ID: SB05_R_0-2
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:45
 Date Received: 05/20/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	214		mg/kg	4.22	0.226	2	05/24/24 00:27	05/24/24 09:19	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-06
 Client ID: SB05_R_2-4
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:50
 Date Received: 05/20/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

TCLP/SPLP Ext. Date: 05/22/24 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.633		mg/l	0.500	0.0270	1	05/24/24 00:02	05/24/24 10:28	EPA 3015	1,6010D	MAM
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-06
 Client ID: SB05_R_2-4
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:50
 Date Received: 05/20/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	223		mg/kg	4.24	0.227	2	05/24/24 00:27	05/24/24 09:22	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-07
 Client ID: SB05_R_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:55
 Date Received: 05/20/24
 Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 05/22/24 05:10
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.162	J	mg/l	0.500	0.0270	1	05/24/24 00:02	05/24/24 11:11	EPA 3015	1,6010D	MAM
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-07
 Client ID: SB05_R_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:55
 Date Received: 05/20/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	31.3		mg/kg	4.18	0.224	2	05/24/24 00:27	05/24/24 13:18	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-08
 Client ID: SB05_R_6-8
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
 NY 11223

Date Collected: 05/20/24 15:00
 Date Received: 05/20/24
 Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 05:10

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.247	J	mg/l	0.500	0.0270	1	05/24/24 00:02	05/24/24 11:17	EPA 3015	1,6010D	MAM
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-08
 Client ID: SB05_R_6-8
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 15:00
 Date Received: 05/20/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	185		mg/kg	4.82	0.258	2	05/24/24 00:27	05/24/24 13:22	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01,05-08 Batch: WG1925017-1									
Arsenic, TCLP	ND	mg/l	1.00	0.0190	1	05/24/24 00:02	05/24/24 09:32	1,6010D	MAM
Barium, TCLP	ND	mg/l	0.500	0.0210	1	05/24/24 00:02	05/24/24 09:32	1,6010D	MAM
Cadmium, TCLP	ND	mg/l	0.100	0.0100	1	05/24/24 00:02	05/24/24 09:32	1,6010D	MAM
Chromium, TCLP	ND	mg/l	0.200	0.0210	1	05/24/24 00:02	05/24/24 09:32	1,6010D	MAM
Lead, TCLP	ND	mg/l	0.500	0.0270	1	05/24/24 00:02	05/24/24 09:32	1,6010D	MAM
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	05/24/24 00:02	05/24/24 09:32	1,6010D	MAM
Silver, TCLP	ND	mg/l	0.100	0.0280	1	05/24/24 00:02	05/24/24 09:32	1,6010D	MAM

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 05/20/24 15:15

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1925019-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0005	1	05/23/24 23:56	05/24/24 10:10	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 05/20/24 15:15

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,05-08 Batch: WG1925130-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Antimony, Total	ND	mg/kg	2.00	0.152	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Arsenic, Total	ND	mg/kg	0.400	0.083	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Barium, Total	ND	mg/kg	0.400	0.070	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Beryllium, Total	ND	mg/kg	0.200	0.013	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Cadmium, Total	ND	mg/kg	0.400	0.039	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Calcium, Total	ND	mg/kg	4.00	1.40	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Chromium, Total	ND	mg/kg	0.400	0.038	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Cobalt, Total	ND	mg/kg	0.800	0.066	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis Batch Quality Control

Copper, Total	ND		mg/kg	0.400	0.103	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Iron, Total	0.691	J	mg/kg	2.00	0.361	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	5.76	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	1.26	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/24/24 00:27	05/24/24 09:11	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1925134-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/24/24 01:19	05/24/24 14:22	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,05-08 Batch: WG1925017-2								
Arsenic, TCLP	91		-		75-125	-		20
Barium, TCLP	90		-		75-125	-		20
Cadmium, TCLP	90		-		75-125	-		20
Chromium, TCLP	87		-		75-125	-		20
Lead, TCLP	87		-		75-125	-		20
Selenium, TCLP	89		-		75-125	-		20
Silver, TCLP	90		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1925019-2								
Mercury, TCLP	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2427953

Project Number: 170702901

Report Date: 06/04/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-08 Batch: WG1925130-2					
Aluminum, Total	111	-	80-120	-	
Antimony, Total	112	-	80-120	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	111	-	80-120	-	
Beryllium, Total	113	-	80-120	-	
Cadmium, Total	109	-	80-120	-	
Calcium, Total	110	-	80-120	-	
Chromium, Total	109	-	80-120	-	
Cobalt, Total	111	-	80-120	-	
Copper, Total	112	-	80-120	-	
Iron, Total	116	-	80-120	-	
Lead, Total	111	-	80-120	-	
Magnesium, Total	110	-	80-120	-	
Manganese, Total	111	-	80-120	-	
Nickel, Total	112	-	80-120	-	
Potassium, Total	117	-	80-120	-	
Selenium, Total	110	-	80-120	-	
Silver, Total	113	-	80-120	-	
Sodium, Total	113	-	80-120	-	
Thallium, Total	112	-	80-120	-	
Vanadium, Total	111	-	80-120	-	

Lab Control Sample Analysis**Batch Quality Control****Project Name:** MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2427953**Project Number:** 170702901**Report Date:** 06/04/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-08 Batch: WG1925130-2					
Zinc, Total	112	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1925134-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,05-08 QC Batch ID: WG1925017-3 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30												
Arsenic, TCLP	ND	1.2	1.13	94	-	-	-	-	75-125	-	-	20
Barium, TCLP	0.385J	20	18.6	93	-	-	-	-	75-125	-	-	20
Cadmium, TCLP	ND	0.53	0.489	92	-	-	-	-	75-125	-	-	20
Chromium, TCLP	ND	2	1.78	89	-	-	-	-	75-125	-	-	20
Lead, TCLP	0.217J	5.3	4.93	93	-	-	-	-	75-125	-	-	20
Selenium, TCLP	ND	1.2	1.10	92	-	-	-	-	75-125	-	-	20
Silver, TCLP	ND	0.5	0.456	91	-	-	-	-	75-125	-	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1925019-3 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30												
Mercury, TCLP	0.0005J	0.025	0.0220	88	-	-	-	-	75-125	-	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-08 QC Batch ID: WG1925130-3 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30									
Aluminum, Total	8050	533	17800	1830	Q	-	75-125	-	20
Antimony, Total	2.16J	133	133	100		-	75-125	-	20
Arsenic, Total	10.9	32	42.9	100		-	75-125	-	20
Barium, Total	112	533	650	101		-	75-125	-	20
Beryllium, Total	0.493J	13.3	15.4	115		-	75-125	-	20
Cadmium, Total	0.528J	14.1	14.8	105		-	75-125	-	20
Calcium, Total	6730	2670	8290	58	Q	-	75-125	-	20
Chromium, Total	21.6	53.3	97.1	142	Q	-	75-125	-	20
Cobalt, Total	10.5	133	147	102		-	75-125	-	20
Copper, Total	45.5	66.7	253	311	Q	-	75-125	-	20
Iron, Total	26800	267	27500	262	Q	-	75-125	-	20
Lead, Total	329	141	312	0	Q	-	75-125	-	20
Magnesium, Total	4100	2670	10000	221	Q	-	75-125	-	20
Manganese, Total	727	133	422	0	Q	-	75-125	-	20
Nickel, Total	36.7	133	176	104		-	75-125	-	20
Potassium, Total	1270	2670	5950	175	Q	-	75-125	-	20
Selenium, Total	1.54J	32	36.3	113		-	75-125	-	20
Silver, Total	ND	13.3	14.8	111		-	75-125	-	20
Sodium, Total	4860	2670	8170	124		-	75-125	-	20
Thallium, Total	ND	32	35.0	109		-	75-125	-	20
Vanadium, Total	34.2	133	202	126	Q	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-08 QC Batch ID: WG1925130-3 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30									
Zinc, Total	160	133	284	93	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1925134-3 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30									
Mercury, Total	0.897	4.79	5.13	88	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01,05-08 QC Batch ID: WG1925017-4 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.385J	0.385J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.217J	0.222J	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1925019-4 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30						
Mercury, TCLP	0.0005J	0.0005J	mg/l	NC		20



Lab Duplicate Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Lab Number: L2427953

Report Date: 06/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-08 QC Batch ID: WG1925130-4 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30					
Aluminum, Total	8050	12100	mg/kg	40	Q 20
Antimony, Total	2.16J	1.75J	mg/kg	NC	20
Arsenic, Total	10.9	7.32	mg/kg	39	Q 20
Barium, Total	112	81.1	mg/kg	32	Q 20
Beryllium, Total	0.493J	0.673J	mg/kg	NC	20
Cadmium, Total	0.528J	0.443J	mg/kg	NC	20
Calcium, Total	6730	6220	mg/kg	8	20
Chromium, Total	21.6	30.8	mg/kg	35	Q 20
Cobalt, Total	10.5	7.20	mg/kg	37	Q 20
Copper, Total	45.5	41.6	mg/kg	9	20
Iron, Total	26800	22100	mg/kg	19	20
Lead, Total	329	493	mg/kg	40	Q 20
Magnesium, Total	4100	5690	mg/kg	32	Q 20
Manganese, Total	727	298	mg/kg	84	Q 20
Nickel, Total	36.7	29.9	mg/kg	20	20
Potassium, Total	1270	2170	mg/kg	52	Q 20
Selenium, Total	1.54J	0.922J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	4860	5280	mg/kg	8	20

Lab Duplicate Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,05-08 QC Batch ID: WG1925130-4 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	34.2	47.5	mg/kg	33 Q	20
Zinc, Total	160	167	mg/kg	4	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1925134-4 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30					
Mercury, Total	0.897	0.427	mg/kg	71 Q	20



INORGANICS & MISCELLANEOUS

Project Name: MARLBORO AGRICULTURAL EDCEN
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01
Client ID: DS01_COMP_6-30
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 15:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/24/24 15:02	1,1030	JLB



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-01
Client ID: DS01_COMP_6-30
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 15:30
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	29.5		%	0.100	NA	1	-	05/21/24 13:05	121,2540G	ROI
Cyanide, Total	ND		mg/kg	3.2	0.69	1	05/24/24 19:50	05/28/24 12:23	1,9010C/9012B	JER
pH (H)	7.60		SU	-	NA	1	-	05/24/24 00:55	1,9045D	CAR
Chromium, Hexavalent	ND		mg/kg	2.71	0.542	1	05/27/24 10:51	05/28/24 13:40	1,7196A	DTH
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/24/24 19:46	05/24/24 21:37	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/24/24 19:46	05/24/24 22:21	125,7.3	JLB



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-02
Client ID: SB05_N_40_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	05/21/24 13:05	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-03
Client ID: SB05_N_40_20-22
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:05
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	28.6		%	0.100	NA	1	-	05/21/24 13:05	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-04
Client ID: SB05_R_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	05/21/24 13:05	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-05
Client ID: SB05_R_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	05/21/24 13:05	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-06
Client ID: SB05_R_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	05/21/24 13:05	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-07
Client ID: SB05_R_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:55
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	05/21/24 13:05	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

SAMPLE RESULTS

Lab ID: L2427953-08
Client ID: SB05_R_6-8
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 15:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.6		%	0.100	NA	1	-	05/21/24 13:05	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCEN
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1925607-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/24/24 19:46	05/24/24 21:32	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1925611-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/24/24 19:46	05/24/24 22:14	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1925628-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	05/24/24 19:50	05/28/24 11:59	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1926171-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	05/27/24 10:51	05/28/24 13:40	1,7196A	DTH

Lab Control Sample Analysis**Batch Quality Control****Project Name:** MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2427953**Project Number:** 170702901**Report Date:** 06/04/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1925244-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1925607-2								
Cyanide, Reactive	122		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1925611-2								
Sulfide, Reactive	112		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1925628-2 WG1925628-3								
Cyanide, Total	101		105		80-120	4		35
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1926171-2								
Chromium, Hexavalent	83		-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MS Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1925628-4 WG1925628-5 QC Sample: L2427945-04 Client ID: MS Sample												
Cyanide, Total	ND	11	8.8	80		10	100		75-125	22		35
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1926171-4 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30												
Chromium, Hexavalent	ND	3770	554	15	Q	-	-		75-125	-		20

Lab Duplicate Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1923767-1 QC Sample: L2427941-01 Client ID: DUP Sample						
Solids, Total	87.9	87.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1925244-2 QC Sample: L2427935-02 Client ID: DUP Sample						
pH	7.49	7.54	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1925607-3 QC Sample: L2428287-02 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1925611-3 QC Sample: L2428287-02 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1926171-6 QC Sample: L2427953-01 Client ID: DS01_COMP_6-30						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2427953**Project Number:** 170702901**Report Date:** 06/04/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427953-01A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2427953-01B	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		REACTS(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2427953-01C	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2427953-01D	Glass 500ml/16oz unpreserved	A	NA		3.8	Y	Absent		REACTS(14),IGNIT-1030(14),TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2427953-01W	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2427953-01X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2427953-02A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2427953-02B	Vial water preserved	A	NA		3.8	Y	Absent	21-MAY-24 07:08	NYTCL-8260HLW(14)
L2427953-02C	Vial water preserved	A	NA		3.8	Y	Absent	21-MAY-24 07:08	NYTCL-8260HLW(14)
L2427953-02D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2427953-02E	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NJEPH-TPH-CAT2(14)
L2427953-02E1	Glass 120ml unpreserved split	NA	NA			Y	Absent		NJEPH-TPH-CAT2(14)
L2427953-03A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2427953-03B	Vial water preserved	A	NA		3.8	Y	Absent	21-MAY-24 07:08	NYTCL-8260HLW(14)

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2427953**Project Number:** 170702901**Report Date:** 06/04/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427953-03C	Vial water preserved	A	NA		3.8	Y	Absent	21-MAY-24 07:08	NYTCL-8260HLW(14)
L2427953-03D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2427953-03E	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NJEPH-TPH-CAT2(14)
L2427953-04A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2427953-04B	Vial water preserved	A	NA		3.8	Y	Absent	21-MAY-24 07:08	NYTCL-8260HLW(14)
L2427953-04C	Vial water preserved	A	NA		3.8	Y	Absent	21-MAY-24 07:08	NYTCL-8260HLW(14)
L2427953-04D	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2427953-04E	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NJEPH(14)
L2427953-04E1	Glass 120ml unpreserved split	NA	NA			Y	Absent		NJEPH(14)
L2427953-05A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		PB-TI(180)
L2427953-05B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2427953-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		PB-CI(180)
L2427953-05X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2427953-06A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		PB-TI(180)
L2427953-06B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2427953-06X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		PB-CI(180)
L2427953-06X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2427953-07A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		PB-TI(180)
L2427953-07B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2427953-07X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		PB-CI(180)
L2427953-07X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2427953-08A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		PB-TI(180)
L2427953-08B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2427953-08X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		PB-CI(180)
L2427953-08X9	Tumble Vessel	A	NA		3.8	Y	Absent		-
L2427953-09A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		HOLD-METAL(180)
L2427953-09B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2427953-10A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		HOLD-METAL(180)

Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Serial_No:06042408:17

Lab Number: L2427953

Report Date: 06/04/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427953-10B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2427953-11A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		HOLD-METAL(180)
L2427953-11B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2427953-12A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		HOLD-METAL(180)
L2427953-12B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2427953-13A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		HOLD-METAL(180)
L2427953-13B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2427953-14A	Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		HOLD-METAL(180)
L2427953-14B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

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Report Date: 06/04/24

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2427953
Report Date: 06/04/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 103 Analysis of Extractable Petroleum Hydrocarbon Compounds (EPH) in Aqueous and Soil/Sediment/Sludge Matrices. New Jersey Department of Environmental Protection, Site Remediation Program, (Version 1.1), Document # NJDEP EPH 10/08, Revision 3, August 2010.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.


SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 3		Date Rec'd in Lab 5/21/24		ALPHA Job # L2427953																
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information				Deliverables		Billing Information														
Client Information		Project Name:		Marlboro Agricultural Education Center		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQuIS (1 File) <input type="checkbox"/> EQuIS (4 File) <input checked="" type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info PO #															
Client: Langan Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com		Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223 Project # 170702901 (Use Project name as Project #) <input type="checkbox"/> Project Manager: Paul McMahon ALPHAQuote #:		Regulatory Requirement		Disposal Site Information		Please identify below location of applicable disposal facilities. Disposal Facility:															
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		NY TOGS <input type="checkbox"/> NY Part 375 <input checked="" type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input checked="" type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge <input type="checkbox"/>		NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:		Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Preservation <input type="checkbox"/> Lab to do <input type="checkbox"/> (Please Specify below)		Sample Specific Comments															
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results		ANALYSIS <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Part 375/TCL SVOCs, PC</th> <th>Pesticides, Herbicides</th> <th>Part 375/TAL Metals</th> <th>incl. hex. and tri. chromium</th> <th>Total CN, TCLP Metals</th> <th>RCRA Characteristics</th> <th>Part 375/TCL VOCs</th> <th>NJDEP EPH</th> </tr> <tr> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> </table>				Part 375/TCL SVOCs, PC	Pesticides, Herbicides	Part 375/TAL Metals	incl. hex. and tri. chromium	Total CN, TCLP Metals	RCRA Characteristics	Part 375/TCL VOCs	NJDEP EPH	X	X	X	X	X	X			Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Part 375/TCL SVOCs, PC	Pesticides, Herbicides					Part 375/TAL Metals	incl. hex. and tri. chromium	Total CN, TCLP Metals	RCRA Characteristics	Part 375/TCL VOCs	NJDEP EPH												
X	X	X	X	X	X																		
Please specify Metals or TAL.		ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix Sampler's Initials															
		27953-01		DS01_COMP_6-30		5/20/24 1530		S BK															
		02		SB05_N_40_4-6		5/20/24 1400		S BK															
		03		SB05_N_40_20-22		5/20/24 1405		S BK															
		04		SB05_R-4-6		5/20/24 1440		S BK															
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative															
Form No: 01-25 (rev. 30-Sept-2013)		Relinquished By:		Date/Time		Received By:		Date/Time															
		Brian Kenneally/Langan		5/20/24 1617		CNSJAC		5/20/24 16:17															
		Anthony Green		5/21/24 19:38		Anthony Green		MAY 20 2024 217															
		Anthony Green		5/21/24 0120		Anthony Green		5/21/24 0120															
		Anthony Green		5/21/24 0330		Anthony Green		5/21/24 330															

O A I B O R I E

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S [TERMS & CONDITIONS](#).

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>2</u>	Date Rec'd in Lab <u>5/21/24</u>	ALPHA Job # <u>L2427953</u>							
		of <u>3</u>									
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information						
Client Information		Project Name: Marlboro Agricultural Education Center		<input type="checkbox"/> ASP-A	<input type="checkbox"/> ASP-B						
Client: Langan		Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223		<input type="checkbox"/> EQUiS (1 File)	<input type="checkbox"/> EQUiS (4 File)						
Address: 360 West 31st Street, 8th Floor		Project # 170702901		<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/> Same as Client Info						
New York, NY 10001		(Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement							
Phone: 212.479.5400		Project Manager: Paul McMahon		<input type="checkbox"/> NY TOGS	<input checked="" type="checkbox"/> NY Part 375						
Fax:		ALPHAQuote #:		<input type="checkbox"/> AWQ Standards	<input type="checkbox"/> NY CP-51						
Email: pmcmahon@langan.com		Turn-Around Time		<input checked="" type="checkbox"/> NY Restricted Use	<input type="checkbox"/> Other						
		Standard <input checked="" type="checkbox"/> Due Date:		<input type="checkbox"/> NY Unrestricted Use	Disposal Site Information						
		Rush (only if pre approved) <input type="checkbox"/> # of Days:		<input type="checkbox"/> NYC Sewer Discharge							
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS							
Other project specific requirements/comments:				Total/TCLP Lead	(HOLD) Total/TCLP Lead						
Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results											
Please specify Metals or TAL.				Total Bottles							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total/TCLP Lead	(HOLD) Total/TCLP Lead	Sample Filtration	Sample Specific Comments		
<u>27953-05</u>	SB05_R_0-2	5/20/24	1445	S	BK	X		<input type="checkbox"/> Done			
<u>06</u>	SB05_R_2-4	5/20/24	1450	S	BK	X		<input type="checkbox"/> Lab to do			
<u>07</u>	SB05_R_4-6	5/20/24	1455	S	BK	X		Preservation			
<u>08</u>	SB05_R_6-8	5/20/24	1500	S	BK	X		<input type="checkbox"/> Lab to do			
<u>09</u>	SB05_R_8-10	5/20/24	1505	S	BK		X	(Please Specify below)			
	SB05_E_10_0-2	5/20/24	1445	S	BK	X					
	SB05_E_10_2-4	5/20/24	1450	S	BK	X					
	SB05_E_10_4-6	5/20/24	1455	S	BK	X					
	SB05_E_10_6-8	5/20/24	1500	S	BK	X					
	SB05_E_10_8-10	5/20/24	1505	S	BK	X					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.			
		Relinquished By:		Date/Time		Received By:				Date/Time	
		Brian Kenneally/Langan		5/20/24 16:17		CJAC				5/20/24 16:17	
		<u>Anthony Green</u>		5/20/24 19:36		<u>Anthony Green</u>		MAY 20 2024 2117			
		<u>SA</u>		5/21/24 0120		<u>SA</u>		5/21/24 0120			
				5/21/24 0330		<u>SA</u>		5/21/24 330			



NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3298

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tontawanda, NY 14150: 275 Cooper Ave, Suite 105

Page **3**
of **3**

Date Rec'd
in Lab **5/21/24**

ALPHA Job #
L2427953

Client Information

Client: **Langan**
Address: **360 West 31st Street, 8th Floor
New York, NY 10001**
Phone: **212.479.5400**
Fax:
Email: **pmcmahon@langan.com**

Project Information
Project Name: **Marlboro Agricultural Education Center**
Project Location: **2295-2231 West 11th Street, Brooklyn, NY 11223**
Project #: **170702901**
(Use Project name as Project #)
Project Manager: **Paul McMahon**
ALPHAQuote #:
Turn-Around Time
Standard Due Date:
Rush (only if pre approved) # of Days:

Deliverables
 ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other
Regulatory Requirement
 NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Billing Information
 Same as Client: Info
PO #
Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
 NJ NY
 Other:

These samples have been previously analyzed by Alpha
Other project specific requirements/comments:
Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results.
Please specify Metals or TAL.

ANALYSIS

(HOLD) Total/TCLP Lead										

Sample Filtration
 Done
 Lab to do
Preservation
 Lab to do
(Please Specify below)
Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials															
		Date	Time																	
	SB05_N_30_0-2	5/1	124	S	BK	X														
	SB05_N_30_2-4	5/1	124	S	BK	X														
	SB05_N_30_4-6	5/1	124	S	BK	X														
	SB05_N_30_6-8	5/1	124	S	BK	X														
	SB05_N_30_8-10	5/1	124	S	BK	X														
27953-10	SB05_N_40_0-2	5/20	124 1410	S	BK	X														
11	SB05_N_40_2-4	5/20	124 1415	S	BK	X														
12	SB05_N_40_4-6	5/20	124 1420	S	BK	X														
13	SB05_N_40_6-8	5/20	124 1425	S	BK	X														
14	SB05_N_40_8-10	5/20	124 1430	S	BK	X														

Preservative Code:
A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Brian Kenneally/Langan	5/20/24 16:17	GJAC	5/20/24 16:17
GJAC	5/24/24 19:38	Anthony Green	MAY 20 2024 21:17
Anthony Green	5/21/24 01:20		5/21/24 01:20
	5/21/24 03:30		5/21 3:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.



ANALYTICAL REPORT

Lab Number:	L2428234
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	MARLBORO AGRICULTURAL EDCENTER
Project Number:	170702901
Report Date:	06/07/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Lab Number: L2428234

Report Date: 06/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428234-01	SB05_S_10_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 11:05	05/21/24
L2428234-02	SB05_S_10_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 11:10	05/21/24
L2428234-03	SB05_S_10_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 11:15	05/21/24
L2428234-04	SB05_S_10_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 11:20	05/21/24
L2428234-05	SB05_S_10_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 11:25	05/21/24
L2428234-06	SB05_S_20_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 10:30	05/21/24
L2428234-07	SB05_S_20_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 10:35	05/21/24
L2428234-08	SB05_S_20_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 10:40	05/21/24
L2428234-09	SB05_S_20_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 10:45	05/21/24
L2428234-10	SB05_S_20_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 10:50	05/21/24
L2428234-11	SB05_E_10_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:15	05/21/24
L2428234-12	SB05_E_10_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:20	05/21/24
L2428234-13	SB05_E_10_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:25	05/21/24
L2428234-14	SB05_E_10_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:30	05/21/24
L2428234-15	SB05_E_10_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:35	05/21/24
L2428234-16	SB05_W_10_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:10	05/21/24
L2428234-17	SB05_W_10_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:15	05/21/24
L2428234-18	SB05_W_10_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:20	05/21/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428234-19	SB05_W_10_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:25	05/21/24
L2428234-20	SB05_W_10_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:30	05/21/24
L2428234-21	SB05_N_10_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:40	05/21/24
L2428234-22	SB05_N_10_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:42	05/21/24
L2428234-23	SB05_N_10_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:44	05/21/24
L2428234-24	SB05_N_10_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:46	05/21/24
L2428234-25	SB05_N_10_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 12:48	05/21/24
L2428234-26	SB05_N_20_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:50	05/21/24
L2428234-27	SB05_N_20_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:52	05/21/24
L2428234-28	SB05_N_20_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:54	05/21/24
L2428234-29	SB05_N_20_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:56	05/21/24
L2428234-30	SB05_N_20_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 13:58	05/21/24
L2428234-31	SB05_N_30_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 14:15	05/21/24
L2428234-32	SB05_N_30_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 14:20	05/21/24
L2428234-33	SB05_N_30_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 14:25	05/21/24
L2428234-34	SB05_N_30_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 14:30	05/21/24
L2428234-35	SB05_N_30_8-10	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 14:35	05/21/24
L2428234-36	WC01_COMP_0-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 14:40	05/21/24

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Case Narrative (continued)

Report Submission

June 07, 2024: This final report includes the results of all requested analyses.

May 30, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L2428234-16D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2428234-36D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Pesticides

L2428234-36: The internal standard (IS) response for 1-bromo-2-nitrobenzene (231%) was above the acceptance criteria on column B; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias.

Total Metals

L2428234-01, -02, -03, -11, -12, -13, -16, -17, -18, -21, -22, and -23: The sample has an elevated detection limit due to the dilution required by the sample matrix.

L2428234-36: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG1926326-3 MS recovery for lead (1760%), performed on L2428234-01, does not apply because the sample concentration is greater than four times the spike amount added.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Case Narrative (continued)

The WG1926326-4 Laboratory Duplicate RPD for lead (83%), performed on L2428234-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 06/07/24

ORGANICS

SEMIVOLATILES

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-01 Date Collected: 05/21/24 11:05
 Client ID: SB05_S_10_0-2 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:17
 Analytical Date: 06/06/24 11:26
 Analyst: IM
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	92	J	ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Azobenzene	ND		ug/kg	170	17.	1
Fluoranthene	1900		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	35	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	190		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-01 Date Collected: 05/21/24 11:05
 Client ID: SB05_S_10_0-2 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	950		ug/kg	100	20.	1
Benzo(a)pyrene	1000		ug/kg	140	43.	1
Benzo(b)fluoranthene	1200		ug/kg	100	29.	1
Benzo(k)fluoranthene	420		ug/kg	100	28.	1
Chrysene	910		ug/kg	100	18.	1
Acenaphthylene	100	J	ug/kg	140	27.	1
Anthracene	300		ug/kg	100	34.	1
Benzo(ghi)perylene	610		ug/kg	140	20.	1
Fluorene	86	J	ug/kg	170	17.	1
Phenanthrene	1000		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	140		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	580		ug/kg	140	24.	1
Pyrene	1600		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	42	J	ug/kg	170	16.	1
2-Methylnaphthalene	23	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-01
Client ID: SB05_S_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	100	J	ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	55		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-02 Date Collected: 05/21/24 11:10
 Client ID: SB05_S_10_2-4 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:21
 Analytical Date: 06/06/24 09:49
 Analyst: IM
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	30	J	ug/kg	160	21.	1
Benzidine	ND		ug/kg	670	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Azobenzene	ND		ug/kg	200	19.	1
Fluoranthene	510		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-02
Client ID: SB05_S_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatle Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	260		ug/kg	120	23.	1
Benzo(a)pyrene	290		ug/kg	160	49.	1
Benzo(b)fluoranthene	350		ug/kg	120	34.	1
Benzo(k)fluoranthene	110	J	ug/kg	120	32.	1
Chrysene	260		ug/kg	120	21.	1
Acenaphthylene	45	J	ug/kg	160	31.	1
Anthracene	85	J	ug/kg	120	39.	1
Benzo(ghi)perylene	190		ug/kg	160	24.	1
Fluorene	30	J	ug/kg	200	20.	1
Phenanthrene	330		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	50	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	160	28.	1
Pyrene	460		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
n-Nitrosodimethylamine	ND		ug/kg	400	39.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-02
Client ID: SB05_S_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	38	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	58		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-03
Client ID: SB05_S_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:15
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/06/24 10:13
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/04/24 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	52	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	600	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	2500		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	45	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-03 Date Collected: 05/21/24 11:15
 Client ID: SB05_S_10_4-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1700		ug/kg	110	21.	1
Benzo(a)pyrene	1700		ug/kg	150	45.	1
Benzo(b)fluoranthene	2000		ug/kg	110	31.	1
Benzo(k)fluoranthene	710		ug/kg	110	29.	1
Chrysene	1500		ug/kg	110	19.	1
Acenaphthylene	490		ug/kg	150	28.	1
Anthracene	480		ug/kg	110	36.	1
Benzo(ghi)perylene	860		ug/kg	150	22.	1
Fluorene	78	J	ug/kg	180	18.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	920		ug/kg	150	26.	1
Pyrene	2200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	38	J	ug/kg	180	17.	1
2-Methylnaphthalene	22	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-03 Date Collected: 05/21/24 11:15
 Client ID: SB05_S_10_4-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	85	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	44		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	41		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-11
Client ID: SB05_E_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:15
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/06/24 11:02
Analyst: IM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/04/24 22:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260		ug/kg	140	18.	1
Benzidine	ND		ug/kg	570	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Azobenzene	ND		ug/kg	170	16.	1
Fluoranthene	6200		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	64	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	81	J	ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-11
Client ID: SB05_E_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:15
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	3500		ug/kg	100	19.	1
Benzo(a)pyrene	3500		ug/kg	140	42.	1
Benzo(b)fluoranthene	4200		ug/kg	100	29.	1
Benzo(k)fluoranthene	1000		ug/kg	100	28.	1
Chrysene	3600		ug/kg	100	18.	1
Acenaphthylene	300		ug/kg	140	26.	1
Anthracene	940		ug/kg	100	34.	1
Benzo(ghi)perylene	2000		ug/kg	140	20.	1
Fluorene	290		ug/kg	170	17.	1
Phenanthrene	3800		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	480		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	140	24.	1
Pyrene	6400		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	100	J	ug/kg	170	16.	1
2-Methylnaphthalene	52	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
n-Nitrosodimethylamine	ND		ug/kg	340	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-11
Client ID: SB05_E_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:15
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	220		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	230	46.	1
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	55		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-12 Date Collected: 05/21/24 12:20
 Client ID: SB05_E_10_2-4 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:27
 Analytical Date: 06/06/24 09:01
 Analyst: IM
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1400		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	14000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	360		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	68	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-12
Client ID: SB05_E_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:20
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	11000	E	ug/kg	110	21.	1
Benzo(a)pyrene	12000	E	ug/kg	150	45.	1
Benzo(b)fluoranthene	14000	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	3200		ug/kg	110	29.	1
Chrysene	11000	E	ug/kg	110	19.	1
Acenaphthylene	570		ug/kg	150	28.	1
Anthracene	4300		ug/kg	110	36.	1
Benzo(ghi)perylene	6800		ug/kg	150	22.	1
Fluorene	1700		ug/kg	180	18.	1
Phenanthrene	12000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1600		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	6600		ug/kg	150	26.	1
Pyrene	14000	E	ug/kg	110	18.	1
Biphenyl	98	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	920		ug/kg	180	17.	1
2-Methylnaphthalene	260		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-12
Client ID: SB05_E_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:20
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	130	J	ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	1300		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	70		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-12 D Date Collected: 05/21/24 12:20
 Client ID: SB05_E_10_2-4 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 06/04/24 22:27

Analytical Date: 06/07/24 02:30

Analyst: LJG

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Fluoranthene	29000		ug/kg	1100	210	10
Benzo(a)anthracene	14000		ug/kg	1100	210	10
Benzo(a)pyrene	13000		ug/kg	1500	450	10
Benzo(b)fluoranthene	16000		ug/kg	1100	310	10
Chrysene	13000		ug/kg	1100	190	10
Phenanthrene	22000		ug/kg	1100	220	10
Pyrene	26000		ug/kg	1100	180	10

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-13 Date Collected: 05/21/24 12:25
 Client ID: SB05_E_10_4-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:27
 Analytical Date: 06/06/24 09:25
 Analyst: IM
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	320		ug/kg	160	20.	1
Benzidine	ND		ug/kg	640	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	19.	1
Fluoranthene	6000		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	110	J	ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-13
Client ID: SB05_E_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:25
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	3400		ug/kg	120	22.	1
Benzo(a)pyrene	3500		ug/kg	160	47.	1
Benzo(b)fluoranthene	4100		ug/kg	120	33.	1
Benzo(k)fluoranthene	1100		ug/kg	120	31.	1
Chrysene	3300		ug/kg	120	20.	1
Acenaphthylene	270		ug/kg	160	30.	1
Anthracene	1000		ug/kg	120	38.	1
Benzo(ghi)perylene	2000		ug/kg	160	23.	1
Fluorene	300		ug/kg	190	19.	1
Phenanthrene	3500		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	470		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	1900		ug/kg	160	27.	1
Pyrene	6100		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	110	J	ug/kg	190	18.	1
2-Methylnaphthalene	120	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	390	37.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-13
Client ID: SB05_E_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:25
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	260		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	57		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-16 D Date Collected: 05/21/24 13:10
 Client ID: SB05_W_10_0-2 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:27
 Analytical Date: 06/06/24 08:37
 Analyst: IM
 Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	1400	180	10
Benzidine	ND		ug/kg	5600	1800	10
1,2,4-Trichlorobenzene	ND		ug/kg	1700	190	10
Hexachlorobenzene	ND		ug/kg	1000	190	10
Bis(2-chloroethyl)ether	ND		ug/kg	1500	230	10
2-Chloronaphthalene	ND		ug/kg	1700	170	10
1,2-Dichlorobenzene	ND		ug/kg	1700	300	10
1,3-Dichlorobenzene	ND		ug/kg	1700	290	10
1,4-Dichlorobenzene	ND		ug/kg	1700	300	10
3,3'-Dichlorobenzidine	ND		ug/kg	1700	450	10
2,4-Dinitrotoluene	ND		ug/kg	1700	340	10
2,6-Dinitrotoluene	ND		ug/kg	1700	290	10
Azobenzene	ND		ug/kg	1700	160	10
Fluoranthene	200	J	ug/kg	1000	190	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1700	180	10
4-Bromophenyl phenyl ether	ND		ug/kg	1700	260	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2000	290	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1800	170	10
Hexachlorobutadiene	ND		ug/kg	1700	250	10
Hexachlorocyclopentadiene	ND		ug/kg	4800	1500	10
Hexachloroethane	ND		ug/kg	1400	270	10
Isophorone	ND		ug/kg	1500	220	10
Naphthalene	ND		ug/kg	1700	200	10
Nitrobenzene	ND		ug/kg	1500	250	10
NDPA/DPA	ND		ug/kg	1400	190	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1700	260	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1700	580	10
Butyl benzyl phthalate	ND		ug/kg	1700	420	10

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-16 D Date Collected: 05/21/24 13:10
 Client ID: SB05_W_10_0-2 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	1700	320	10
Di-n-octylphthalate	ND		ug/kg	1700	570	10
Diethyl phthalate	ND		ug/kg	1700	160	10
Dimethyl phthalate	ND		ug/kg	1700	350	10
Benzo(a)anthracene	ND		ug/kg	1000	190	10
Benzo(a)pyrene	ND		ug/kg	1400	410	10
Benzo(b)fluoranthene	ND		ug/kg	1000	280	10
Benzo(k)fluoranthene	ND		ug/kg	1000	270	10
Chrysene	ND		ug/kg	1000	180	10
Acenaphthylene	ND		ug/kg	1400	260	10
Anthracene	ND		ug/kg	1000	330	10
Benzo(ghi)perylene	ND		ug/kg	1400	200	10
Fluorene	ND		ug/kg	1700	160	10
Phenanthrene	ND		ug/kg	1000	200	10
Dibenzo(a,h)anthracene	ND		ug/kg	1000	200	10
Indeno(1,2,3-cd)pyrene	ND		ug/kg	1400	240	10
Pyrene	200	J	ug/kg	1000	170	10
Biphenyl	ND		ug/kg	3800	220	10
4-Chloroaniline	ND		ug/kg	1700	310	10
2-Nitroaniline	ND		ug/kg	1700	320	10
3-Nitroaniline	ND		ug/kg	1700	320	10
4-Nitroaniline	ND		ug/kg	1700	700	10
Dibenzofuran	ND		ug/kg	1700	160	10
2-Methylnaphthalene	ND		ug/kg	2000	200	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1700	180	10
Acetophenone	ND		ug/kg	1700	210	10
n-Nitrosodimethylamine	ND		ug/kg	3400	320	10
2,4,6-Trichlorophenol	ND		ug/kg	1000	320	10
p-Chloro-m-cresol	ND		ug/kg	1700	250	10
2-Chlorophenol	ND		ug/kg	1700	200	10
2,4-Dichlorophenol	ND		ug/kg	1500	270	10
2,4-Dimethylphenol	ND		ug/kg	1700	560	10
2-Nitrophenol	ND		ug/kg	3600	640	10
4-Nitrophenol	ND		ug/kg	2400	690	10
2,4-Dinitrophenol	ND		ug/kg	8100	790	10
4,6-Dinitro-o-cresol	ND		ug/kg	4400	810	10
Pentachlorophenol	ND		ug/kg	1400	370	10

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-16 D Date Collected: 05/21/24 13:10
 Client ID: SB05_W_10_0-2 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	1700	260	10
2-Methylphenol	ND		ug/kg	1700	260	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2400	260	10
2,4,5-Trichlorophenol	ND		ug/kg	1700	320	10
Benzoic Acid	ND		ug/kg	5500	1700	10
Benzyl Alcohol	ND		ug/kg	1700	520	10
Carbazole	ND		ug/kg	1700	160	10
Atrazine	ND		ug/kg	1400	590	10
Benzaldehyde	ND		ug/kg	2200	460	10
Caprolactam	ND		ug/kg	1700	510	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1700	340	10
1,4-Dioxane	ND		ug/kg	250	78.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	42		30-120
2,4,6-Tribromophenol	43		10-136
4-Terphenyl-d14	43		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-17 Date Collected: 05/21/24 13:15
 Client ID: SB05_W_10_2-4 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:27
 Analytical Date: 06/07/24 01:42
 Analyst: LJG
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	78	J	ug/kg	170	22.	1
Benzidine	ND		ug/kg	690	230	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Azobenzene	ND		ug/kg	210	20.	1
Fluoranthene	1300		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	46	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	210		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-17 Date Collected: 05/21/24 13:15
 Client ID: SB05_W_10_2-4 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	710		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	640		ug/kg	120	24.	1
Benzo(a)pyrene	670		ug/kg	170	51.	1
Benzo(b)fluoranthene	860		ug/kg	120	35.	1
Benzo(k)fluoranthene	230		ug/kg	120	34.	1
Chrysene	640		ug/kg	120	22.	1
Acenaphthylene	87	J	ug/kg	170	32.	1
Anthracene	210		ug/kg	120	41.	1
Benzo(ghi)perylene	420		ug/kg	170	25.	1
Fluorene	80	J	ug/kg	210	20.	1
Phenanthrene	880		ug/kg	120	26.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	390		ug/kg	170	29.	1
Pyrene	1200		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	37	J	ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
n-Nitrosodimethylamine	ND		ug/kg	420	40.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-17
Client ID: SB05_W_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 13:15
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	82	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	57.	1
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	72		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-18 Date Collected: 05/21/24 13:20
 Client ID: SB05_W_10_4-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:27
 Analytical Date: 06/06/24 07:01
 Analyst: IM
 Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	34	J	ug/kg	160	21.	1
Benzidine	ND		ug/kg	680	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	20.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	41.	1
2,6-Dinitrotoluene	ND		ug/kg	210	35.	1
Azobenzene	ND		ug/kg	210	20.	1
Fluoranthene	700		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	28	J	ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	160	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-18 Date Collected: 05/21/24 13:20
 Client ID: SB05_W_10_4-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	43.	1
Benzo(a)anthracene	360		ug/kg	120	23.	1
Benzo(a)pyrene	390		ug/kg	160	50.	1
Benzo(b)fluoranthene	490		ug/kg	120	35.	1
Benzo(k)fluoranthene	130		ug/kg	120	33.	1
Chrysene	330		ug/kg	120	22.	1
Acenaphthylene	68	J	ug/kg	160	32.	1
Anthracene	110	J	ug/kg	120	40.	1
Benzo(ghi)perylene	250		ug/kg	160	24.	1
Fluorene	34	J	ug/kg	210	20.	1
Phenanthrene	400		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	62	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	160	29.	1
Pyrene	620		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	20	J	ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
n-Nitrosodimethylamine	ND		ug/kg	410	40.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	68.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	990	96.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	99.	1
Pentachlorophenol	ND		ug/kg	160	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-18
Client ID: SB05_W_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 13:20
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	63.	1
Carbazole	40	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	56.	1
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	31	9.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	62		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-21 Date Collected: 05/21/24 12:40
 Client ID: SB05_N_10_0-2 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:27
 Analytical Date: 06/06/24 11:50
 Analyst: IM
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	140	18.	1
Benzidine	ND		ug/kg	570	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Azobenzene	ND		ug/kg	170	16.	1
Fluoranthene	2100		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	32	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	69	J	ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-21
Client ID: SB05_N_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	1100		ug/kg	100	19.	1
Benzo(a)pyrene	1200		ug/kg	140	42.	1
Benzo(b)fluoranthene	1400		ug/kg	100	29.	1
Benzo(k)fluoranthene	340		ug/kg	100	27.	1
Chrysene	1200		ug/kg	100	18.	1
Acenaphthylene	120	J	ug/kg	140	26.	1
Anthracene	320		ug/kg	100	33.	1
Benzo(ghi)perylene	690		ug/kg	140	20.	1
Fluorene	100	J	ug/kg	170	17.	1
Phenanthrene	1400		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	160		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	620		ug/kg	140	24.	1
Pyrene	2200		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	29	J	ug/kg	170	16.	1
2-Methylnaphthalene	26	J	ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
n-Nitrosodimethylamine	ND		ug/kg	340	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-21
Client ID: SB05_N_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	81	J	ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	230	46.	1
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	54		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-22
Client ID: SB05_N_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:42
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 06/06/24 10:37
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/04/24 22:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1300		ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	13000	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	280		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2428234-22

Date Collected: 05/21/24 12:42

Client ID: SB05_N_10_2-4

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	12000	E	ug/kg	100	20.	1
Benzo(a)pyrene	12000	E	ug/kg	140	43.	1
Chrysene	11000	E	ug/kg	100	18.	1
Acenaphthylene	560		ug/kg	140	27.	1
Anthracene	4100		ug/kg	100	34.	1
Benzo(ghi)perylene	6800		ug/kg	140	21.	1
Fluorene	1300		ug/kg	180	17.	1
Phenanthrene	12000	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	1600		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	6500		ug/kg	140	24.	1
Pyrene	15000	E	ug/kg	100	18.	1
Biphenyl	68	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	470		ug/kg	180	17.	1
2-Methylnaphthalene	300		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-22
Client ID: SB05_N_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:42
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3-Methylphenol/4-Methylphenol	32	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	1100		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	67		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-22 D Date Collected: 05/21/24 12:42
 Client ID: SB05_N_10_2-4 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 06/07/24 02:06
 Analyst: LJG
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/04/24 22:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	28000		ug/kg	1000	200	10
Benzo(a)anthracene	15000		ug/kg	1000	200	10
Benzo(a)pyrene	14000		ug/kg	1400	430	10
Benzo(b)fluoranthene	17000		ug/kg	1000	300	10
Benzo(k)fluoranthene	4100		ug/kg	1000	280	10
Chrysene	15000		ug/kg	1000	180	10
Phenanthrene	22000		ug/kg	1000	210	10
Pyrene	31000		ug/kg	1000	180	10

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-23 Date Collected: 05/21/24 12:44
 Client ID: SB05_N_10_4-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 22:27
 Analytical Date: 06/06/24 06:37
 Analyst: IM
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	65	J	ug/kg	140	19.	1
Benzidine	ND		ug/kg	600	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	1800		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	270		ug/kg	160	24.	1
Naphthalene	88	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	290		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-23
Client ID: SB05_N_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:44
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	970		ug/kg	110	20.	1
Benzo(a)pyrene	1000		ug/kg	140	44.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	430		ug/kg	110	29.	1
Chrysene	930		ug/kg	110	19.	1
Acenaphthylene	170		ug/kg	140	28.	1
Anthracene	260		ug/kg	110	35.	1
Benzo(ghi)perylene	600		ug/kg	140	21.	1
Fluorene	73	J	ug/kg	180	18.	1
Phenanthrene	920		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	570		ug/kg	140	25.	1
Pyrene	1600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	33	J	ug/kg	180	17.	1
2-Methylnaphthalene	39	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-23 Date Collected: 05/21/24 12:44
 Client ID: SB05_N_10_4-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	91	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	77		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36 D2 Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 05/24/24 19:04
 Analytical Date: 05/29/24 16:57
 Analyst: JG
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	470000		ug/kg	50000	9600	400
Benzo(a)anthracene	210000		ug/kg	50000	9500	400
Benzo(b)fluoranthene	210000		ug/kg	50000	14000	400
Phenanthrene	500000		ug/kg	50000	10000	400
Pyrene	340000		ug/kg	50000	8400	400

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36 D Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 05/24/24 19:04
 Analytical Date: 05/29/24 16:34
 Analyst: JG
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	73000		ug/kg	3400	440	20
Benzidine	ND		ug/kg	14000	4600	20
1,2,4-Trichlorobenzene	ND		ug/kg	4200	480	20
Hexachlorobenzene	ND		ug/kg	2500	470	20
Bis(2-chloroethyl)ether	ND		ug/kg	3800	570	20
2-Chloronaphthalene	ND		ug/kg	4200	420	20
1,2-Dichlorobenzene	ND		ug/kg	4200	750	20
1,3-Dichlorobenzene	ND		ug/kg	4200	720	20
1,4-Dichlorobenzene	ND		ug/kg	4200	730	20
3,3'-Dichlorobenzidine	ND		ug/kg	4200	1100	20
2,4-Dinitrotoluene	ND		ug/kg	4200	840	20
2,6-Dinitrotoluene	ND		ug/kg	4200	720	20
Azobenzene	ND		ug/kg	4200	400	20
Fluoranthene	380000	E	ug/kg	2500	480	20
4-Chlorophenyl phenyl ether	ND		ug/kg	4200	450	20
4-Bromophenyl phenyl ether	ND		ug/kg	4200	640	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	5000	720	20
Bis(2-chloroethoxy)methane	ND		ug/kg	4500	420	20
Hexachlorobutadiene	ND		ug/kg	4200	620	20
Hexachlorocyclopentadiene	ND		ug/kg	12000	3800	20
Hexachloroethane	ND		ug/kg	3400	680	20
Isophorone	ND		ug/kg	3800	540	20
Naphthalene	86000		ug/kg	4200	510	20
Nitrobenzene	ND		ug/kg	3800	620	20
NDPA/DPA	ND		ug/kg	3400	480	20
n-Nitrosodi-n-propylamine	ND		ug/kg	4200	650	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	4200	1400	20
Butyl benzyl phthalate	ND		ug/kg	4200	1000	20

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2428234-36 D

Date Collected: 05/21/24 14:40

Client ID: WC01_COMP_0-6

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	4200	800	20
Di-n-octylphthalate	ND		ug/kg	4200	1400	20
Diethyl phthalate	ND		ug/kg	4200	390	20
Dimethyl phthalate	ND		ug/kg	4200	880	20
Benzo(a)anthracene	180000	E	ug/kg	2500	470	20
Benzo(a)pyrene	140000		ug/kg	3400	1000	20
Benzo(b)fluoranthene	180000	E	ug/kg	2500	710	20
Benzo(k)fluoranthene	53000		ug/kg	2500	670	20
Chrysene	160000		ug/kg	2500	440	20
Acenaphthylene	6800		ug/kg	3400	650	20
Anthracene	130000		ug/kg	2500	820	20
Benzo(ghi)perylene	80000		ug/kg	3400	490	20
Fluorene	78000		ug/kg	4200	410	20
Phenanthrene	390000	E	ug/kg	2500	510	20
Dibenzo(a,h)anthracene	24000		ug/kg	2500	480	20
Indeno(1,2,3-cd)pyrene	91000		ug/kg	3400	580	20
Pyrene	290000	E	ug/kg	2500	420	20
Biphenyl	6200	J	ug/kg	9600	550	20
4-Chloroaniline	ND		ug/kg	4200	760	20
2-Nitroaniline	ND		ug/kg	4200	810	20
3-Nitroaniline	ND		ug/kg	4200	790	20
4-Nitroaniline	ND		ug/kg	4200	1700	20
Dibenzofuran	48000		ug/kg	4200	400	20
2-Methylnaphthalene	28000		ug/kg	5000	510	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	4200	440	20
Acetophenone	ND		ug/kg	4200	520	20
n-Nitrosodimethylamine	ND		ug/kg	8400	810	20
2,4,6-Trichlorophenol	ND		ug/kg	2500	800	20
p-Chloro-m-cresol	ND		ug/kg	4200	620	20
2-Chlorophenol	ND		ug/kg	4200	500	20
2,4-Dichlorophenol	ND		ug/kg	3800	680	20
2,4-Dimethylphenol	1900	J	ug/kg	4200	1400	20
2-Nitrophenol	ND		ug/kg	9100	1600	20
4-Nitrophenol	ND		ug/kg	5900	1700	20
2,4-Dinitrophenol	ND		ug/kg	20000	2000	20
4,6-Dinitro-o-cresol	ND		ug/kg	11000	2000	20
Pentachlorophenol	ND		ug/kg	3400	920	20

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36 D Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	4200	630	20
2-Methylphenol	ND		ug/kg	4200	650	20
3-Methylphenol/4-Methylphenol	900	J	ug/kg	6000	660	20
2,4,5-Trichlorophenol	ND		ug/kg	4200	800	20
Benzoic Acid	ND		ug/kg	14000	4200	20
Benzyl Alcohol	ND		ug/kg	4200	1300	20
Carbazole	65000		ug/kg	4200	410	20
Atrazine	ND		ug/kg	3400	1500	20
Benzaldehyde	ND		ug/kg	5500	1100	20
Caprolactam	ND		ug/kg	4200	1300	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	4200	850	20
1,4-Dioxane	ND		ug/kg	630	190	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	0	Q	25-120
Phenol-d6	0	Q	10-120
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
2,4,6-Tribromophenol	0	Q	10-136
4-Terphenyl-d14	0	Q	18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 08:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/24/24 19:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 36 Batch: WG1925636-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 08:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/24/24 19:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 36 Batch: WG1925636-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	31.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/25/24 08:54
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 05/24/24 19:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 36 Batch: WG1925636-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	97		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 08:58
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/04/24 22:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,11-13,16-18,21-23 Batch: WG1929707-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 08:58
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/04/24 22:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,11-13,16-18,21-23 Batch: WG1929707-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 08:58
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/04/24 22:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,11-13,16-18,21-23 Batch: WG1929707-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 08:58
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/04/24 22:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,11-13,16-18,21-23 Batch: WG1929707-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	72		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 36 Batch: WG1925636-2 WG1925636-3								
Acenaphthene	78		88		31-137	12		50
Benzidine	47		49		10-66	4		50
1,2,4-Trichlorobenzene	82		88		38-107	7		50
Hexachlorobenzene	90		99		40-140	10		50
Bis(2-chloroethyl)ether	85		90		40-140	6		50
2-Chloronaphthalene	83		90		40-140	8		50
1,2-Dichlorobenzene	80		85		40-140	6		50
1,3-Dichlorobenzene	78		83		40-140	6		50
1,4-Dichlorobenzene	78		82		28-104	5		50
3,3'-Dichlorobenzidine	72		78		40-140	8		50
2,4-Dinitrotoluene	83		95		40-132	13		50
2,6-Dinitrotoluene	96		108		40-140	12		50
Azobenzene	88		99		40-140	12		50
Fluoranthene	88		99		40-140	12		50
4-Chlorophenyl phenyl ether	84		95		40-140	12		50
4-Bromophenyl phenyl ether	88		101		40-140	14		50
Bis(2-chloroisopropyl)ether	76		83		40-140	9		50
Bis(2-chloroethoxy)methane	91		97		40-117	6		50
Hexachlorobutadiene	79		84		40-140	6		50
Hexachlorocyclopentadiene	88		93		40-140	6		50
Hexachloroethane	80		86		40-140	7		50
Isophorone	92		98		40-140	6		50
Naphthalene	81		86		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 36 Batch: WG1925636-2 WG1925636-3								
Nitrobenzene	97		102		40-140	5		50
NDPA/DPA	85		96		36-157	12		50
n-Nitrosodi-n-propylamine	91		100		32-121	9		50
Bis(2-ethylhexyl)phthalate	89		99		40-140	11		50
Butyl benzyl phthalate	97		108		40-140	11		50
Di-n-butylphthalate	88		99		40-140	12		50
Di-n-octylphthalate	88		100		40-140	13		50
Diethyl phthalate	84		94		40-140	11		50
Dimethyl phthalate	86		94		40-140	9		50
Benzo(a)anthracene	84		95		40-140	12		50
Benzo(a)pyrene	92		105		40-140	13		50
Benzo(b)fluoranthene	91		103		40-140	12		50
Benzo(k)fluoranthene	85		96		40-140	12		50
Chrysene	82		93		40-140	13		50
Acenaphthylene	91		99		40-140	8		50
Anthracene	85		95		40-140	11		50
Benzo(ghi)perylene	84		96		40-140	13		50
Fluorene	82		92		40-140	11		50
Phenanthrene	82		92		40-140	11		50
Dibenzo(a,h)anthracene	84		95		40-140	12		50
Indeno(1,2,3-cd)pyrene	86		98		40-140	13		50
Pyrene	87		98		35-142	12		50
Biphenyl	74		80		37-127	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 36 Batch: WG1925636-2 WG1925636-3								
4-Chloroaniline	57		59		40-140	3		50
2-Nitroaniline	106		114		47-134	7		50
3-Nitroaniline	86		97		26-129	12		50
4-Nitroaniline	96		109		41-125	13		50
Dibenzofuran	82		91		40-140	10		50
2-Methylnaphthalene	86		93		40-140	8		50
1,2,4,5-Tetrachlorobenzene	78		86		40-117	10		50
Acetophenone	80		87		14-144	8		50
n-Nitrosodimethylamine	90		92		22-100	2		50
2,4,6-Trichlorophenol	90		100		30-130	11		50
p-Chloro-m-cresol	97		104	Q	26-103	7		50
2-Chlorophenol	91		98		25-102	7		50
2,4-Dichlorophenol	92		100		30-130	8		50
2,4-Dimethylphenol	87		92		30-130	6		50
2-Nitrophenol	113		122		30-130	8		50
4-Nitrophenol	111		126	Q	11-114	13		50
2,4-Dinitrophenol	78		84		4-130	7		50
4,6-Dinitro-o-cresol	99		114		10-130	14		50
Pentachlorophenol	80		91		17-109	13		50
Phenol	94	Q	102	Q	26-90	8		50
2-Methylphenol	95		102		30-130	7		50
3-Methylphenol/4-Methylphenol	96		104		30-130	8		50
2,4,5-Trichlorophenol	93		102		30-130	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 36 Batch: WG1925636-2 WG1925636-3								
Benzoic Acid	26		26		10-110	0		50
Benzyl Alcohol	101		109		40-140	8		50
Carbazole	86		96		54-128	11		50
Atrazine	76		83		40-140	9		50
Benzaldehyde	68		75		40-140	10		50
Caprolactam	95		107		15-130	12		50
2,3,4,6-Tetrachlorophenol	93		105		40-140	12		50
1,4-Dioxane	60		62		40-140	3		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	89		90		25-120
Phenol-d6	93		96		10-120
Nitrobenzene-d5	93		95		23-120
2-Fluorobiphenyl	75		78		30-120
2,4,6-Tribromophenol	90		98		10-136
4-Terphenyl-d14	83		88		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,11-13,16-18,21-23 Batch: WG1929707-2 WG1929707-3								
Acenaphthene	67		60		31-137	11		50
Benzidine	26		25		10-66	4		50
1,2,4-Trichlorobenzene	70		63		38-107	11		50
Hexachlorobenzene	87		78		40-140	11		50
Bis(2-chloroethyl)ether	59		53		40-140	11		50
2-Chloronaphthalene	73		66		40-140	10		50
1,2-Dichlorobenzene	63		58		40-140	8		50
1,3-Dichlorobenzene	61		56		40-140	9		50
1,4-Dichlorobenzene	61		56		28-104	9		50
3,3'-Dichlorobenzidine	66		57		40-140	15		50
2,4-Dinitrotoluene	82		73		40-132	12		50
2,6-Dinitrotoluene	91		81		40-140	12		50
Azobenzene	62		55		40-140	12		50
Fluoranthene	74		66		40-140	11		50
4-Chlorophenyl phenyl ether	72		64		40-140	12		50
4-Bromophenyl phenyl ether	81		71		40-140	13		50
Bis(2-chloroisopropyl)ether	44		40		40-140	10		50
Bis(2-chloroethoxy)methane	65		58		40-117	11		50
Hexachlorobutadiene	74		68		40-140	8		50
Hexachlorocyclopentadiene	93		85		40-140	9		50
Hexachloroethane	64		58		40-140	10		50
Isophorone	65		58		40-140	11		50
Naphthalene	64		58		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,11-13,16-18,21-23 Batch: WG1929707-2 WG1929707-3								
Nitrobenzene	65		57		40-140	13		50
NDPA/DPA	72		65		36-157	10		50
n-Nitrosodi-n-propylamine	63		55		32-121	14		50
Bis(2-ethylhexyl)phthalate	77		68		40-140	12		50
Butyl benzyl phthalate	85		76		40-140	11		50
Di-n-butylphthalate	77		68		40-140	12		50
Di-n-octylphthalate	81		72		40-140	12		50
Diethyl phthalate	74		66		40-140	11		50
Dimethyl phthalate	78		71		40-140	9		50
Benzo(a)anthracene	68		61		40-140	11		50
Benzo(a)pyrene	76		67		40-140	13		50
Benzo(b)fluoranthene	74		64		40-140	14		50
Benzo(k)fluoranthene	74		66		40-140	11		50
Chrysene	67		60		40-140	11		50
Acenaphthylene	71		66		40-140	7		50
Anthracene	70		64		40-140	9		50
Benzo(ghi)perylene	70		62		40-140	12		50
Fluorene	69		62		40-140	11		50
Phenanthrene	68		62		40-140	9		50
Dibenzo(a,h)anthracene	70		62		40-140	12		50
Indeno(1,2,3-cd)pyrene	71		62		40-140	14		50
Pyrene	74		66		35-142	11		50
Biphenyl	66		61		37-127	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,11-13,16-18,21-23 Batch: WG1929707-2 WG1929707-3								
4-Chloroaniline	63		58		40-140	8		50
2-Nitroaniline	90		82		47-134	9		50
3-Nitroaniline	68		61		26-129	11		50
4-Nitroaniline	72		65		41-125	10		50
Dibenzofuran	68		61		40-140	11		50
2-Methylnaphthalene	69		64		40-140	8		50
1,2,4,5-Tetrachlorobenzene	69		63		40-117	9		50
Acetophenone	62		56		14-144	10		50
n-Nitrosodimethylamine	51		46		22-100	10		50
2,4,6-Trichlorophenol	85		76		30-130	11		50
p-Chloro-m-cresol	77		70		26-103	10		50
2-Chlorophenol	70		62		25-102	12		50
2,4-Dichlorophenol	80		70		30-130	13		50
2,4-Dimethylphenol	84		74		30-130	13		50
2-Nitrophenol	88		78		30-130	12		50
4-Nitrophenol	74		65		11-114	13		50
2,4-Dinitrophenol	87		76		4-130	13		50
4,6-Dinitro-o-cresol	93		84		10-130	10		50
Pentachlorophenol	97		85		17-109	13		50
Phenol	60		53		26-90	12		50
2-Methylphenol	69		62		30-130	11		50
3-Methylphenol/4-Methylphenol	76		68		30-130	11		50
2,4,5-Trichlorophenol	86		78		30-130	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,11-13,16-18,21-23 Batch: WG1929707-2 WG1929707-3								
Benzoic Acid	48		40		10-110	18		50
Benzyl Alcohol	69		61		40-140	12		50
Carbazole	70		62		54-128	12		50
Atrazine	75		64		40-140	16		50
Benzaldehyde	62		56		40-140	10		50
Caprolactam	59		52		15-130	13		50
2,3,4,6-Tetrachlorophenol	83		74		40-140	11		50
1,4-Dioxane	38	Q	36	Q	40-140	5		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	71		62		25-120
Phenol-d6	70		61		10-120
Nitrobenzene-d5	70		62		23-120
2-Fluorobiphenyl	77		69		30-120
2,4,6-Tribromophenol	110		97		10-136
4-Terphenyl-d14	81		72		18-120

PCBS

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36 Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8082A Extraction Date: 05/24/24 16:25
 Analytical Date: 05/25/24 11:01 Cleanup Method: EPA 3665A
 Analyst: EMR Cleanup Date: 05/24/24
 Percent Solids: 79% Cleanup Method: EPA 3660B
 Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.9	5.14	1	A
Aroclor 1221	ND		ug/kg	57.9	5.80	1	A
Aroclor 1232	ND		ug/kg	57.9	12.3	1	A
Aroclor 1242	ND		ug/kg	57.9	7.80	1	A
Aroclor 1248	ND		ug/kg	57.9	8.68	1	A
Aroclor 1254	ND		ug/kg	57.9	6.33	1	A
Aroclor 1260	ND		ug/kg	57.9	10.7	1	A
Aroclor 1262	ND		ug/kg	57.9	7.35	1	A
Aroclor 1268	ND		ug/kg	57.9	6.00	1	A
PCBs, Total	ND		ug/kg	57.9	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 05/25/24 10:30
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 05/24/24 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 05/24/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 36 Batch: WG1925597-1						
Aroclor 1016	ND		ug/kg	48.6	4.31	A
Aroclor 1221	ND		ug/kg	48.6	4.87	A
Aroclor 1232	ND		ug/kg	48.6	10.3	A
Aroclor 1242	ND		ug/kg	48.6	6.55	A
Aroclor 1248	ND		ug/kg	48.6	7.29	A
Aroclor 1254	ND		ug/kg	48.6	5.32	A
Aroclor 1260	ND		ug/kg	48.6	8.98	A
Aroclor 1262	ND		ug/kg	48.6	6.17	A
Aroclor 1268	ND		ug/kg	48.6	5.03	A
PCBs, Total	ND		ug/kg	48.6	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	113		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 36 Batch: WG1925597-2 WG1925597-3									
Aroclor 1016	96		103		40-140	7		50	A
Aroclor 1260	90		98		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		112		30-150	A
Decachlorobiphenyl	106		111		30-150	A
2,4,5,6-Tetrachloro-m-xylene	111		117		30-150	B
Decachlorobiphenyl	88		93		30-150	B

PESTICIDES

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36 Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 05/25/24 13:57
 Analyst: MMG
 Percent Solids: 79%

Extraction Method: EPA 3546
 Extraction Date: 05/24/24 17:20
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/25/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.98	0.387	1	A
Lindane	ND		ug/kg	0.824	0.368	1	A
Alpha-BHC	ND		ug/kg	0.824	0.234	1	A
Beta-BHC	ND		ug/kg	1.98	0.750	1	A
Heptachlor	ND		ug/kg	0.989	0.443	1	A
Aldrin	ND		ug/kg	1.98	0.696	1	A
Heptachlor epoxide	ND		ug/kg	3.71	1.11	1	A
Endrin	ND		ug/kg	0.824	0.338	1	A
Endrin aldehyde	ND		ug/kg	2.47	0.865	1	A
Endrin ketone	ND		ug/kg	1.98	0.509	1	A
Dieldrin	ND		ug/kg	1.24	0.618	1	A
4,4'-DDE	ND		ug/kg	1.98	0.457	1	A
4,4'-DDD	ND		ug/kg	1.98	0.705	1	A
4,4'-DDT	ND		ug/kg	1.98	1.59	1	A
Endosulfan I	ND		ug/kg	1.98	0.467	1	A
Endosulfan II	ND		ug/kg	1.98	0.661	1	A
Endosulfan sulfate	ND		ug/kg	0.824	0.392	1	A
Methoxychlor	ND		ug/kg	3.71	1.15	1	A
Toxaphene	ND		ug/kg	37.1	10.4	1	A
cis-Chlordane	ND		ug/kg	2.47	0.689	1	A
trans-Chlordane	ND		ug/kg	2.47	0.653	1	A
Chlordane	ND		ug/kg	16.5	6.55	1	A

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36 Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	35		30-150	B
Decachlorobiphenyl	128		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36 Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 8151A
 Analytical Method: 1,8151A Extraction Date: 05/27/24 12:46
 Analytical Date: 05/29/24 11:48
 Analyst: AKM
 Percent Solids: 79%
 Methylation Date: 05/29/24 06:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	208	13.1	1	A
2,4,5-T	ND		ug/kg	208	6.44	1	A
2,4,5-TP (Silvex)	ND		ug/kg	208	5.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	42		30-150	A
DCAA	54		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 05/25/24 13:21
 Analyst: MMG

Extraction Method: EPA 3546
 Extraction Date: 05/24/24 17:20
 Cleanup Method: EPA 3620B
 Cleanup Date: 05/25/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 36 Batch: WG1925619-1						
Delta-BHC	ND		ug/kg	1.57	0.307	A
Lindane	ND		ug/kg	0.653	0.292	A
Alpha-BHC	ND		ug/kg	0.653	0.185	A
Beta-BHC	ND		ug/kg	1.57	0.594	A
Heptachlor	ND		ug/kg	0.783	0.351	A
Aldrin	ND		ug/kg	1.57	0.552	A
Heptachlor epoxide	ND		ug/kg	2.94	0.881	A
Endrin	ND		ug/kg	0.653	0.268	A
Endrin aldehyde	ND		ug/kg	1.96	0.685	A
Endrin ketone	ND		ug/kg	1.57	0.403	A
Dieldrin	ND		ug/kg	0.979	0.490	A
4,4'-DDE	ND		ug/kg	1.57	0.362	A
4,4'-DDD	ND		ug/kg	1.57	0.559	A
4,4'-DDT	ND		ug/kg	1.57	1.26	A
Endosulfan I	ND		ug/kg	1.57	0.370	A
Endosulfan II	ND		ug/kg	1.57	0.523	A
Endosulfan sulfate	ND		ug/kg	0.653	0.311	A
Methoxychlor	ND		ug/kg	2.94	0.914	A
Toxaphene	ND		ug/kg	29.4	8.22	A
cis-Chlordane	ND		ug/kg	1.96	0.546	A
trans-Chlordane	ND		ug/kg	1.96	0.517	A
Chlordane	ND		ug/kg	13.0	5.19	A

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/25/24 13:21
Analyst: MMG

Extraction Method: EPA 3546
Extraction Date: 05/24/24 17:20
Cleanup Method: EPA 3620B
Cleanup Date: 05/25/24
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 36 Batch: WG1925619-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8151A
Analytical Date: 05/28/24 08:50
Analyst: MMG

Extraction Method: EPA 8151A
Extraction Date: 05/27/24 12:06

Methylation Date: 05/28/24 01:15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 36 Batch: WG1926187-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	77		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 36 Batch: WG1925619-2 WG1925619-3									
Delta-BHC	78		94		30-150	19		30	A
Lindane	81		96		30-150	17		30	A
Alpha-BHC	81		96		30-150	17		30	A
Beta-BHC	89		101		30-150	13		30	A
Heptachlor	76		90		30-150	17		30	A
Aldrin	77		91		30-150	17		30	A
Heptachlor epoxide	67		81		30-150	19		30	A
Endrin	81		96		30-150	17		30	A
Endrin aldehyde	71		87		30-150	20		30	A
Endrin ketone	90		106		30-150	16		30	A
Dieldrin	85		101		30-150	17		30	A
4,4'-DDE	82		98		30-150	18		30	A
4,4'-DDD	91		107		30-150	16		30	A
4,4'-DDT	85		101		30-150	17		30	A
Endosulfan I	76		89		30-150	16		30	A
Endosulfan II	80		95		30-150	17		30	A
Endosulfan sulfate	78		93		30-150	18		30	A
Methoxychlor	93		108		30-150	15		30	A
cis-Chlordane	71		83		30-150	16		30	A
trans-Chlordane	79		93		30-150	16		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 36 Batch: WG1925619-2 WG1925619-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		78		30-150	A
Decachlorobiphenyl	80		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		87		30-150	B
Decachlorobiphenyl	98		112		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 36 Batch: WG1926187-2 WG1926187-3									
2,4-D	83		87		30-150	5		30	A
2,4,5-T	91		95		30-150	4		30	A
2,4,5-TP (Silvex)	85		89		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	81		87		30-150	A
DCAA	90		95		30-150	B

METALS

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2428234-01

Date Collected: 05/21/24 11:05

Client ID: SB05_S_10_0-2

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.606		mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 09:25	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-01

Date Collected: 05/21/24 11:05

Client ID: SB05_S_10_0-2

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	245		mg/kg	8.25	0.442	4	05/29/24 03:04	05/29/24 12:46	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-02

Date Collected: 05/21/24 11:10

Client ID: SB05_S_10_2-4

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.0727	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:04	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-02

Date Collected: 05/21/24 11:10

Client ID: SB05_S_10_2-4

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	176		mg/kg	4.93	0.264	2	05/29/24 03:04	05/29/24 11:23	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-03
 Client ID: SB05_S_10_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:15
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

TCLP/SPLP Ext. Date: 05/22/24 22:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.128	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:11	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-03
 Client ID: SB05_S_10_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:15
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	117		mg/kg	4.43	0.238	2	05/29/24 03:04	05/29/24 11:40	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-11
 Client ID: SB05_E_10_0-2
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:15
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

TCLP/SPLP Ext. Date: 05/22/24 22:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.212	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:18	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-11
 Client ID: SB05_E_10_0-2
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:15
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	104		mg/kg	8.39	0.450	4	05/29/24 03:04	05/29/24 13:03	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2428234-12

Date Collected: 05/21/24 12:20

Client ID: SB05_E_10_2-4

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.218	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:25	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-12

Date Collected: 05/21/24 12:20

Client ID: SB05_E_10_2-4

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	237		mg/kg	4.26	0.228	2	05/29/24 03:04	05/29/24 11:47	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-13
 Client ID: SB05_E_10_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:25
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 83%

TCLP/SPLP Ext. Date: 05/22/24 22:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.115	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:31	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-13

Date Collected: 05/21/24 12:25

Client ID: SB05_E_10_4-6

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	188		mg/kg	4.68	0.251	2	05/29/24 03:04	05/29/24 11:51	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-16

Date Collected: 05/21/24 13:10

Client ID: SB05_W_10_0-2

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.317	J	mg/l	0.500	0.0270	1	05/28/24 20:16	05/29/24 18:39	EPA 3015	1,6010D	TAA
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-16

Date Collected: 05/21/24 13:10

Client ID: SB05_W_10_0-2

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	37.4		mg/kg	8.20	0.440	4	05/29/24 03:04	05/29/24 13:07	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-17

Date Collected: 05/21/24 13:15

Client ID: SB05_W_10_2-4

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.163	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:38	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-17

Date Collected: 05/21/24 13:15

Client ID: SB05_W_10_2-4

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	155		mg/kg	4.91	0.263	2	05/29/24 03:04	05/29/24 11:57	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-18

Date Collected: 05/21/24 13:20

Client ID: SB05_W_10_4-6

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.219	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:45	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-18

Date Collected: 05/21/24 13:20

Client ID: SB05_W_10_4-6

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	227		mg/kg	4.80	0.257	2	05/29/24 03:04	05/29/24 12:01	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-21

Date Collected: 05/21/24 12:40

Client ID: SB05_N_10_0-2

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.331	J	mg/l	0.500	0.0270	1	05/28/24 20:16	05/29/24 18:23	EPA 3015	1,6010D	TAA
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-21
 Client ID: SB05_N_10_0-2
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:40
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	49.9		mg/kg	3.98	0.213	2	05/29/24 03:04	05/29/24 12:04	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-22

Date Collected: 05/21/24 12:42

Client ID: SB05_N_10_2-4

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.856		mg/l	0.500	0.0270	1	05/28/24 20:16	05/29/24 18:45	EPA 3015	1,6010D	TAA
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-22
 Client ID: SB05_N_10_2-4
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:42
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	195		mg/kg	4.07	0.218	2	05/29/24 03:04	05/29/24 12:08	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2428234-23

Date Collected: 05/21/24 12:44

Client ID: SB05_N_10_4-6

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.101	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:52	EPA 3015	1,6010D	DMC
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-23
 Client ID: SB05_N_10_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:44
 Date Received: 05/21/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	151		mg/kg	4.16	0.223	2	05/29/24 03:04	05/29/24 12:42	EPA 3050B	1,6010D	DHL



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2428234-36

Date Collected: 05/21/24 14:40

Client ID: WC01_COMP_0-6

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 05/22/24 22:35

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	05/28/24 18:05	05/29/24 10:58	EPA 3015	1,6010D	DMC
Barium, TCLP	0.887		mg/l	0.500	0.0210	1	05/28/24 18:05	05/29/24 10:58	EPA 3015	1,6010D	DMC
Cadmium, TCLP	0.0131	J	mg/l	0.100	0.0100	1	05/28/24 18:05	05/29/24 10:58	EPA 3015	1,6010D	DMC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/28/24 18:05	05/29/24 10:58	EPA 3015	1,6010D	DMC
Lead, TCLP	0.145	J	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 10:58	EPA 3015	1,6010D	DMC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/28/24 16:53	05/28/24 23:36	EPA 7470A	1,7470A	JTS
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/28/24 18:05	05/29/24 10:58	EPA 3015	1,6010D	DMC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/28/24 18:05	05/29/24 10:58	EPA 3015	1,6010D	DMC



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2428234-36

Date Collected: 05/21/24 14:40

Client ID: WC01_COMP_0-6

Date Received: 05/21/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5220		mg/kg	10.1	2.72	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Antimony, Total	2.64	J	mg/kg	5.04	0.383	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Arsenic, Total	5.50		mg/kg	1.01	0.209	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Barium, Total	122		mg/kg	1.01	0.175	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Beryllium, Total	0.390	J	mg/kg	0.504	0.033	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Cadmium, Total	0.817	J	mg/kg	1.01	0.099	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Calcium, Total	30400		mg/kg	10.1	3.52	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Chromium, Total	10.6		mg/kg	1.01	0.097	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Cobalt, Total	4.43		mg/kg	2.01	0.167	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Copper, Total	244		mg/kg	1.01	0.260	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Iron, Total	11900		mg/kg	5.04	0.909	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Lead, Total	145		mg/kg	5.04	0.270	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Magnesium, Total	13700		mg/kg	10.1	1.55	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Manganese, Total	232		mg/kg	1.01	0.160	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Mercury, Total	ND		mg/kg	0.090	0.059	1	05/29/24 03:53	05/29/24 09:40	EPA 7471B	1,7471B	JTS
Nickel, Total	17.6		mg/kg	2.52	0.244	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Potassium, Total	523		mg/kg	252	14.5	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Selenium, Total	ND		mg/kg	2.01	0.260	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Silver, Total	ND		mg/kg	0.504	0.285	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Sodium, Total	97.2	J	mg/kg	201	3.17	2	05/29/24 03:04	05/29/24 14:35	EPA 3050B	1,6010D	JTS
Thallium, Total	ND		mg/kg	2.01	0.317	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Vanadium, Total	18.4		mg/kg	1.01	0.204	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
Zinc, Total	205		mg/kg	5.04	0.295	2	05/29/24 03:04	05/29/24 10:19	EPA 3050B	1,6010D	DHL
General Chemistry - Mansfield Lab											
Chromium, Trivalent	10.6		mg/kg	1.01	0.202	1		05/29/24 16:04	NA	107,-	



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,11-13,16-18,21-23,36 Batch: WG1926326-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Antimony, Total	ND		mg/kg	2.00	0.152	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Barium, Total	ND		mg/kg	0.400	0.070	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Calcium, Total	ND		mg/kg	4.00	1.40	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Chromium, Total	ND		mg/kg	0.400	0.038	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Copper, Total	ND		mg/kg	0.400	0.103	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Iron, Total	0.778	J	mg/kg	2.00	0.361	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Lead, Total	ND		mg/kg	2.00	0.107	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Manganese, Total	ND		mg/kg	0.400	0.064	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Nickel, Total	ND		mg/kg	1.00	0.097	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Potassium, Total	ND		mg/kg	100	5.76	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Silver, Total	ND		mg/kg	0.200	0.113	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Sodium, Total	1.30	J	mg/kg	80.0	1.26	1	05/29/24 03:04	05/29/24 14:23	1,6010D	JTS
Thallium, Total	ND		mg/kg	0.800	0.126	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL
Zinc, Total	ND		mg/kg	2.00	0.117	1	05/29/24 03:04	05/29/24 10:12	1,6010D	DHL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 36 Batch: WG1926328-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/29/24 03:53	05/29/24 09:13	1,7471B	JTS



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-03,11-13,17-18,23,36 Batch: WG1926399-1									
Arsenic, TCLP	ND	mg/l	1.00	0.0190	1	05/28/24 18:05	05/29/24 08:38	1,6010D	DMC
Barium, TCLP	ND	mg/l	0.500	0.0210	1	05/28/24 18:05	05/29/24 08:38	1,6010D	DMC
Cadmium, TCLP	ND	mg/l	0.100	0.0100	1	05/28/24 18:05	05/29/24 08:38	1,6010D	DMC
Chromium, TCLP	ND	mg/l	0.200	0.0210	1	05/28/24 18:05	05/29/24 08:38	1,6010D	DMC
Lead, TCLP	ND	mg/l	0.500	0.0270	1	05/28/24 18:05	05/29/24 08:38	1,6010D	DMC
Selenium, TCLP	ND	mg/l	0.500	0.0350	1	05/28/24 18:05	05/29/24 08:38	1,6010D	DMC
Silver, TCLP	ND	mg/l	0.100	0.0280	1	05/28/24 18:05	05/29/24 08:38	1,6010D	DMC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 05/22/24 22:35

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 36 Batch: WG1926402-1									
Mercury, TCLP	ND	mg/l	0.0010	0.0005	1	05/28/24 16:53	05/28/24 23:04	1,7470A	JTS

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 05/22/24 22:35

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 16,21-22 Batch: WG1926470-1									
Lead, TCLP	ND	mg/l	0.500	0.0270	1	05/28/24 20:16	05/29/24 13:12	1,6010D	DHL

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 05/22/24 22:35

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-03,11-13,16-18,21-23,36 Batch: WG1926326-2								
Aluminum, Total	95		-		80-120	-		
Antimony, Total	101		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	100		-		80-120	-		
Calcium, Total	103		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	98		-		80-120	-		
Iron, Total	106		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	102		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	91		-		80-120	-		
Selenium, Total	99		-		80-120	-		
Silver, Total	100		-		80-120	-		
Sodium, Total	101		-		80-120	-		
Thallium, Total	99		-		80-120	-		
Vanadium, Total	101		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,11-13,16-18,21-23,36 Batch: WG1926326-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 36 Batch: WG1926328-2					
Mercury, Total	106	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-03,11-13,17-18,23,36 Batch: WG1926399-2					
Arsenic, TCLP	88	-	75-125	-	20
Barium, TCLP	96	-	75-125	-	20
Cadmium, TCLP	96	-	75-125	-	20
Chromium, TCLP	94	-	75-125	-	20
Lead, TCLP	92	-	75-125	-	20
Selenium, TCLP	89	-	75-125	-	20
Silver, TCLP	91	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 36 Batch: WG1926402-2					
Mercury, TCLP	97	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 16,21-22 Batch: WG1926470-2					
Lead, TCLP	88	-	75-125	-	20



Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,11-13,16-18,21-23,36 QC Batch ID: WG1926326-3 QC Sample: L2428234-01 Client ID: SB05_S_10_0-2												
Aluminum, Total	2490	166	5010	1510	Q	-	-		75-125	-		20
Antimony, Total	1.90J	41.6	40.1	96		-	-		75-125	-		20
Arsenic, Total	3.58	9.98	15.4	118		-	-		75-125	-		20
Barium, Total	98.0	166	333	141	Q	-	-		75-125	-		20
Beryllium, Total	0.178J	4.16	4.42	106		-	-		75-125	-		20
Cadmium, Total	0.561J	4.41	5.11	116		-	-		75-125	-		20
Calcium, Total	68800	832	40500	0	Q	-	-		75-125	-		20
Chromium, Total	6.20	16.6	27.0	125		-	-		75-125	-		20
Cobalt, Total	3.32	41.6	42.8	95		-	-		75-125	-		20
Copper, Total	55.5	20.8	668	2940	Q	-	-		75-125	-		20
Iron, Total	8760	83.2	14500	6900	Q	-	-		75-125	-		20
Lead, Total	245	44.1	1020	1760	Q	-	-		75-125	-		20
Magnesium, Total	37100	832	19200	0	Q	-	-		75-125	-		20
Manganese, Total	160	41.6	249	214	Q	-	-		75-125	-		20
Nickel, Total	10.8	41.6	59.0	116		-	-		75-125	-		20
Potassium, Total	318J	832	1170	141	Q	-	-		75-125	-		20
Selenium, Total	ND	9.98	9.07	91		-	-		75-125	-		20
Silver, Total	ND	4.16	4.49	108		-	-		75-125	-		20
Sodium, Total	71.8J	832	898	108		-	-		75-125	-		20
Thallium, Total	ND	9.98	9.42	94		-	-		75-125	-		20
Vanadium, Total	14.0	41.6	60.7	112		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,11-13,16-18,21-23,36 QC Batch ID: WG1926326-3 QC Sample: L2428234-01 Client ID: SB05_S_10_0-2									
Zinc, Total	132	41.6	247	276	Q	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 36 QC Batch ID: WG1926328-3 QC Sample: L2428243-01 Client ID: MS Sample									
Mercury, Total	0.059J	1.72	1.89	110	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-03,11-13,17-18,23,36 QC Batch ID: WG1926399-3 QC Sample: L2428234-01 Client ID: SB05_S_10_0-2									
Arsenic, TCLP	ND	1.2	1.10	92	-	-	75-125	-	20
Barium, TCLP	1.41	20	19.9	92	-	-	75-125	-	20
Cadmium, TCLP	0.014J	0.53	0.524	99	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.83	92	-	-	75-125	-	20
Lead, TCLP	0.606	5.3	5.38	90	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.12	93	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.457	91	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 36 QC Batch ID: WG1926402-3 QC Sample: L2426259-23 Client ID: MS Sample									
Mercury, TCLP	ND	0.025	0.0236	94	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 16,21-22 QC Batch ID: WG1926470-3 QC Sample: L2428234-21 Client ID: SB05_N_10_0-2									
Lead, TCLP	0.331J	5.3	5.39	102	-	-	75-125	-	20

Lab Duplicate Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,11-13,16-18,21-23,36 QC Batch ID: WG1926326-4 QC Sample: L2428234-01 Client ID: SB05_S_10_0-2						
Lead, Total	245	101	mg/kg	83	Q	20
Total Metals - Mansfield Lab Associated sample(s): 36 QC Batch ID: WG1926328-4 QC Sample: L2428243-01 Client ID: DUP Sample						
Mercury, Total	0.059J	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-03,11-13,17-18,23,36 QC Batch ID: WG1926399-4 QC Sample: L2428234-01 Client ID: SB05_S_10_0-2						
Lead, TCLP	0.606	0.616	mg/l	2		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 36 QC Batch ID: WG1926402-4 QC Sample: L2426259-23 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 16,21-22 QC Batch ID: WG1926470-4 QC Sample: L2428234-21 Client ID: SB05_N_10_0-2						
Lead, TCLP	0.331J	0.316J	mg/l	NC		20



INORGANICS & MISCELLANEOUS

Project Name: MARLBORO AGRICULTURAL EDCEN
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36
Client ID: WC01_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 14:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Wet Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/29/24 11:03	1,1030	JLB



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-01
Client ID: SB05_S_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:05
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-02
Client ID: SB05_S_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.8		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-03
Client ID: SB05_S_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 11:15
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-11
Client ID: SB05_E_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:15
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-12
Client ID: SB05_E_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:20
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-13
Client ID: SB05_E_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:25
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-16
Client ID: SB05_W_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 13:10
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.6		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-17
Client ID: SB05_W_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 13:15
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.3		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-18
Client ID: SB05_W_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 13:20
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.2		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-21
Client ID: SB05_N_10_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-22
Client ID: SB05_N_10_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:42
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-23
Client ID: SB05_N_10_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 12:44
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2428234-36
Client ID: WC01_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 14:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI
Cyanide, Total	1.2		mg/kg	1.2	0.26	1	05/28/24 13:15	05/28/24 16:40	1,9010C/9012B	JER
pH (H)	8.53		SU	-	NA	1	-	05/28/24 19:00	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	1.01	0.202	1	05/28/24 09:07	05/29/24 16:04	1,7196A	RDS
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/24/24 19:46	05/24/24 21:39	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/24/24 19:46	05/24/24 22:23	125,7.3	JLB



Project Name: MARLBORO AGRICULTURAL EDCEN

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 36 Batch: WG1925607-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/24/24 19:46	05/24/24 21:32	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 36 Batch: WG1925611-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/24/24 19:46	05/24/24 22:14	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 36 Batch: WG1926306-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	05/28/24 09:07	05/29/24 16:04	1,7196A	RDS
General Chemistry - Westborough Lab for sample(s): 36 Batch: WG1926405-1										
Cyanide, Total	ND		mg/kg	0.86	0.18	1	05/28/24 13:15	05/28/24 16:04	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2428234

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 36 Batch: WG1925607-2								
Cyanide, Reactive	122		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 36 Batch: WG1925611-2								
Sulfide, Reactive	112		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 36 Batch: WG1926306-2								
Chromium, Hexavalent	97		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 36 Batch: WG1926405-2 WG1926405-3								
Cyanide, Total	108		105		80-120	3		35
General Chemistry - Westborough Lab Associated sample(s): 36 Batch: WG1926642-1								
pH	100		-		99-101	-		

Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1926306-4 QC Sample: L2428234-36 Client ID: WC01_COMP_0-6												
Chromium, Hexavalent	ND	1200	1130	94	-	-	-	-	75-125	-	-	20
General Chemistry - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1926405-4 WG1926405-5 QC Sample: L2428227-14 Client ID: MS Sample												
Cyanide, Total	ND	12	12	100	13	110	110	10	75-125	10	10	35

Lab Duplicate Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Lab Number: L2428234

Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,11-13,16-18,21-23,36 QC Batch ID: WG1924814-1 QC Sample: L2428089-01 Client ID: DUP Sample						
Solids, Total	80.8	83.0	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1925607-3 QC Sample: L2428287-02 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1925611-3 QC Sample: L2428287-02 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1926306-6 QC Sample: L2428234-36 Client ID: WC01_COMP_0-6						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 36 QC Batch ID: WG1926642-2 QC Sample: L2429237-02 Client ID: DUP Sample						
pH	9.13	9.40	SU	3		5

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428234-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-01B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-01X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-01X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-02B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-02X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-02X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-03B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-03X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-03X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-04A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2428234-04B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-05A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2428234-05B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-06A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-06B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-07A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2428234-07B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-08A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2428234-08B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428234-09A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2428234-09B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-10A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2428234-10B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-11B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-11X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-11X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-12A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-12B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-12X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-12X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-13B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-13X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-13X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-14A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-14B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-15A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2428234-15B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-16B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-16X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-16X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-17A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		PB-TI(180)
L2428234-17B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-17X	Plastic 120ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		PB-CI(180)
L2428234-17X9	Tumble Vessel	A	NA		4.6	Y	Absent		-

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2428234**Project Number:** 170702901**Report Date:** 06/07/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428234-18A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-18B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-18X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-18X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-19A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-19B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-20A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-20B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-21A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-21B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-21X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-21X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-22A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		PB-TI(180)
L2428234-22B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-22X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.1	Y	Absent		PB-CI(180)
L2428234-22X9	Tumble Vessel	B	NA		3.1	Y	Absent		-
L2428234-23A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		PB-TI(180)
L2428234-23B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		NYTCL-8270(14),TS(7)
L2428234-23X	Plastic 120ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		PB-CI(180)
L2428234-23X9	Tumble Vessel	A	NA		4.6	Y	Absent		-
L2428234-24A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-24B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-25A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-25B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-26A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-26B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-27A	Glass 60mL/2oz unpreserved	B	NA		3.1	Y	Absent		HOLD-METAL(180)
L2428234-27B	Glass 250ml/8oz unpreserved	B	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Serial_No:06072412:02
Lab Number: L2428234
Report Date: 06/07/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428234-28A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-28B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-29A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-29B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-30A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-30B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-31A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-31B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-32A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-32B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-33A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-33B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-34A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-34B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-35A	Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		HOLD-METAL(180)
L2428234-35B	Glass 250ml/8oz unpreserved	A	NA		4.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM()
L2428234-36A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TRICR-CALC(30),CR-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2428234-36B	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2428234-36C	Glass 120ml/4oz unpreserved	A	NA		4.6	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),REACTS(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2428234-36D	Glass 500ml/16oz unpreserved	A	NA		4.6	Y	Absent		-
L2428234-36X	Plastic 120ml HNO3 preserved Extracts	A	NA		4.6	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)

*Values in parentheses indicate holding time in days



Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Serial_No:06072412:02

Lab Number: L2428234

Report Date: 06/07/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2428234-36X9	Tumble Vessel	A	NA		4.6	Y	Absent		-

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2428234
Report Date: 06/07/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.


EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1		Date Rec'd in Lab 5/22/24	ALPHA Job # L2429234																				
		of 1																							
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables																					
		Project Name: Marlboro Agricultural Education Center		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other Standard Report																					
		Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223																							
Client Information		Project # 170702901		Billing Information																					
Client: Langan		(Use Project name as Project #) <input type="checkbox"/>		<input checked="" type="checkbox"/> Same as Client Info PO #																					
Address: 360 West 31st Street, 8th Floor		Project Manager: Paul McMahon		Regulatory Requirement																					
New York, NY 10001		ALPHAQuote #:		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge																					
Phone: 212.479.5400		Turn-Around Time		Disposal Site Information																					
Fax:		Standard <input checked="" type="checkbox"/> Due Date:		Please identify below location of applicable disposal facilities.																					
Email: pmcmahon@langan.com		Rush (only if pre approved) <input type="checkbox"/> # of Days:		Disposal Facility:																					
				<input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																					
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Other project specific requirements/comments:				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:5%;">Total/TCLP Lead</th> <th style="width:5%;">(HOLD) Total/TCLP Lead</th> <th style="width:5%;"> </th> <th style="width:5%;"> </th> <th style="width:5%;"> </th> <th style="width:5%;"> </th> <th style="width:5%;"> </th> <th style="width:5%;"> </th> <th style="width:5%;"> </th> <th style="width:5%;"> </th> </tr> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td> </tr> </table>		Total/TCLP Lead	(HOLD) Total/TCLP Lead																		
Total/TCLP Lead	(HOLD) Total/TCLP Lead																								
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Please specify Metals or TAL.																									
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total/TCLP Lead	(HOLD) Total/TCLP Lead																		
28234	-01 SB05_S_10_0-2	5/21/24	1105	S	BK	X																			
	-02 SB05_S_10_2-4	5/21/24	1110	S	BK	X																			
	-03 SB05_S_10_4-6	5/21/24	1115	S	BK	X																			
	-04 SB05_S_10_6-8	5/21/24	1120	S	BK	X	X																		
	-05 SB05_S_10_8-10	5/21/24	1130	S	BK		X																		
	-06 SB05_S_20_0-2	5/21/24	1030	S	BK		X																		
	-07 SB05_S_20_2-4	5/21/24	1035	S	BK		X																		
	-08 SB05_S_20_4-6	5/21/24	1040	S	BK		X																		
	-09 SB05_S_20_6-8	5/21/24	1045	S	BK		X																		
	-10 SB05_S_20_8-10	5/21/24	1050	S	BK		X																		
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.																				
				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">Relinquished By:</th> <th style="width:20%;">Date/Time</th> <th style="width:30%;">Received By:</th> <th style="width:20%;">Date/Time</th> </tr> <tr> <td>Brian Kenneally/Langan</td> <td>5/21/24 7:05</td> <td>Chase D'Amico</td> <td>5/21/24 6:05</td> </tr> <tr> <td>[Signature]</td> <td>5/21/24 12:45</td> <td>[Signature]</td> <td>5/21/24 12:45</td> </tr> <tr> <td>[Signature]</td> <td>5/21/24</td> <td>[Signature]</td> <td>5/21/24 12:30</td> </tr> <tr> <td>[Signature]</td> <td>5/22/24 03:00</td> <td>[Signature]</td> <td>5/22/24 3:00</td> </tr> </table>			Relinquished By:	Date/Time	Received By:	Date/Time	Brian Kenneally/Langan	5/21/24 7:05	Chase D'Amico	5/21/24 6:05	[Signature]	5/21/24 12:45	[Signature]	5/21/24 12:45	[Signature]	5/21/24	[Signature]	5/21/24 12:30	[Signature]	5/22/24 03:00	[Signature]
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 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 2	Date Rec'd in Lab 5/22/24	ALPHA Job # L2428234		
		Project Information Project Name: Marlboro Agricultural Education Center Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223 Project #: 170702901 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other <i>Standard Report</i>		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #	
Client Information Client: Langan Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com		Project Manager: Paul McMahon ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Other project specific requirements/comments: Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results				Total/TCLP Lead (HOLD) Total/TCLP Lead		Sample Specific Comments	
Please specify Metals or TAL.							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials		
28234	SB05_R_0-2	5/21/24		S	BK	X	
	SB05_R_2-4	5/21/24		S	BK	X	
	SB05_R_4-6	5/21/24		S	BK	X	
	SB05_R_6-8	5/21/24		S	BK	X	
	SB05_R_8-10	5/21/24		S	BK	X	
-11	SB05_E_10_0-2	5/21/24	1215	S	BK	X	
-12	SB05_E_10_2-4	5/21/24	1220	S	BK	X	
-13	SB05_E_10_4-6	5/21/24	1225	S	BK	X	
-14	SB05_E_10_6-8	5/21/24	1230	S	BK	X	
-15	SB05_E_10_8-10	5/21/24	1235	S	BK	X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative	
		Relinquished By: Brian Kenneally/Langan Date/Time: 5/21/24 0300		Received By: [Signature] Date/Time: 5/21/24 16:05		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.	
		[Signature] 5/21/24 18:00		[Signature] 5/21/24 23:00			

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1	Date Rec'd in Lab 5/22/24	ALPHA Job # L2428234			
		of 4					
		Project Information Project Name: Marlboro Agricultural Education Center Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223			Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQuS (1 File) <input type="checkbox"/> EQuS (4 File) <input checked="" type="checkbox"/> Other Standard Report	Billing Information <input checked="" type="checkbox"/> Same as Client Info PO#	
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ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time	Sample Matrix	Sampler's Initials	Total/TCLP Lead (HOLD) Total/TCLP Lead	Total	Bottom
28234	-21 SB05_N_10_0-2	5/21/24 1240	S	BK	X		
	-22 SB05_N_10_2-4	5/21/24 1242	S	BK	X		
	-23 SB05_N_10_4-6	5/21/24 1244	S	BK	X		
	-24 SB05_N_10_6-8	5/21/24 1246	S	BK	X		
	-25 SB05_N_10_8-10	5/21/24 1248	S	BK	X		
	-26 SB05_N_20_0-2	5/21/24 1350	S	BK	X		
	-27 SB05_N_20_2-4	5/21/24 1352	S	BK	X		
	-28 SB05_N_20_4-6	5/21/24 1354	S	BK	X		
	-29 SB05_N_20_6-8	5/21/24 1356	S	BK	X		
	-30 SB05_N_20_8-10	5/21/24 1358	S	BK	X		
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type	Preservative	Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.		
Relinquished By:		Date/Time	Received By:		Date/Time		
<i>Brian Kenneally/Langan</i>		5/21/24 16:00	<i>[Signature]</i>		5/21/24 16:00		
<i>[Signature]</i>		5/21/24 18:45	<i>[Signature]</i>		5/21/24 18:45		
<i>[Signature]</i>		5/22/24 09:00	<i>[Signature]</i>		5/22/24 23:30		
<i>[Signature]</i>		5/22/24 09:00	<i>[Signature]</i>		5/22/24 300		

NEW YORK CHAIN OF CUSTODY

Service Centers
 Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
 Albany, NY 12205: 14 Walker Way
 Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 5

Date Rec'd in Lab 5/22/24

ALPHA Job # L2428234

Westborough, MA 01581
 8 Walkup Dr.
 TEL: 508-898-9220
 FAX: 508-898-9193

Mansfield, MA 02048
 320 Forbes Blvd
 TEL: 508-822-9300
 FAX: 508-822-3288

Project Information
 Project Name: Marlboro Agricultural Education Center
 Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223
 Project #: 170702901

Deliverables
 ASP-A ASP-B
 EQUIS (1 File) EQUIS (4 File)
 Other *Standard Report*

Billing Information
 Same as Client: Info
 PO #

Client Information
 Client: Langan
 Address: 360 West 31st Street, 8th Floor
 New York, NY 10001
 Phone: 212.479.5400
 Fax:
 Email: pmcmahon@langan.com

(Use Project name as Project #)
 Project Manager: Paul McMahon
 ALPHAQuote #:
Turn-Around Time
 Standard Due Date:
 Rush (only if pre approved) # of Days:

Regulatory Requirement
 NY TOGS NY Part 375
 AWQ Standards NY CP-51
 NY Restricted Use Other
 NY Unrestricted Use
 NYC Sewer Discharge

Disposal Site Information
 Please identify below location of applicable disposal facilities.
 Disposal Facility:
 NJ NY
 Other:

These samples have been previously analyzed by Alpha
Other project specific requirements/comments:
 Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results
Please specify Metals or TAL.

ANALYSIS

(HOLD) Total/CLP Lead												
-----------------------	--	--	--	--	--	--	--	--	--	--	--	--

Sample Filtration
 Done
 Lab to do
 Lab to do
 (Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	(HOLD) Total/CLP Lead						
		Date	Time									
28234 - 31	SB05_N_30_0-2	5/21/24	1415	S	BK	X						
- 32	SB05_N_30_2-4	5/21/24	1420	S	BK	X						
- 33	SB05_N_30_4-6	5/21/24	1425	S	BK	X						
- 34	SB05_N_30_6-8	5/21/24	1430	S	BK	X						
- 35	SB05_N_30_8-10	5/21/24	1435	S	BK	X						
	SB05_N_40_0-2	5/21/24		S	BK	X						
	SB05_N_40_2-4	5/21/24		S	BK	X						
	SB05_N_40_4-6	5/21/24		S	BK	X						
	SB05_N_40_6-8	5/21/24		S	BK	X						
	SB05_N_40_8-10	5/21/24		S	BK	X						


Preservative Code:
 A = None
 B = HCl
 C = HNO₃
 D = H₂SO₄
 E = NaOH
 F = MeOH
 G = NaHSO₄
 H = Na₂S₂O₃
 K/E = Zn Ac/NaOH
 O = Other

Container Code
 P = Plastic
 A = Amber Glass
 V = Vial
 G = Glass
 B = Bacteria Cup
 C = Cube
 O = Other
 E = Encore
 D = BOD Bottle

Westboro: Certification No: MA935
 Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Brian Kenneally/Langan	5/21/24 16:05	Amanda	5/21/24 16:08
<i>[Signature]</i>	5/21/24 18:45	<i>[Signature]</i>	5/21/24 18:45
<i>[Signature]</i>	5/22/24 0300	<i>[Signature]</i>	5/22/24 300

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S [TERMS & CONDITIONS.](#)

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1		Date Rec'd in Lab	5/22/24	ALPHA Job #	L2428234				
		of 6									
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information					
		Project Name: Mariboro Agricultural Education Center		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File)		<input checked="" type="checkbox"/> Same as Client Info PO #					
		Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223		<input checked="" type="checkbox"/> Other <i>Standard Report</i>							
Client Information		Project # 170702901		Regulatory Requirement		Disposal Site Information					
Client: Langan		(Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other		Please identify below location of applicable disposal facilities.					
Address: 360 West 31st Street, 8th Floor		Project Manager: Paul McMahon		<input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Facility:					
New York, NY 10001		ALPHAQuote #:				<input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:					
Phone: 212.479.5400		Turn-Around Time									
Fax:		Standard <input checked="" type="checkbox"/>		Due Date:							
Email: pmcmahon@langan.com		Rush (only if pre approved) <input type="checkbox"/>		# of Days:							
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS				Sample Filtration			
Other project specific requirements/comments: Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results.				Part 375/TCL SVOCs, PC Pesticides, Herbicides Part 375/TAL Metals incl. hex. and tri. chromium Total CN, TCLP Metals RCRA Characteristics <i>Part 375/TCL SVOCs</i> <i>NOSEPERATH</i>				<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)			
								Sample Specific Comments			
Please specify Metals or TAL.											
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time	Sample Matrix	Sampler's Initials	Part 375/TCL SVOCs, PC	Pesticides, Herbicides	Part 375/TAL Metals	incl. hex. and tri. chromium	Total CN, TCLP Metals	RCRA Characteristics	Sample Specific Comments
28234-36	WC01_COMP_0-6	5/21/24 1440	S	BK	X	X	X	X	X	X	
	SB05-R GRAB	5/21/24	S	BK						X	X
	SB05_N_40_4-6 GRAB	5/21/24	S	BK						X	X
Preservative Code:		Container Code:		Westboro: Certification No: MA935		Container Type				Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.	
A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Mansfield: Certification No: MA015		Preservative					
		Relinquished By:		Date/Time		Received By:		Date/Time			
		Brian Kenneally/Langan		10:35 5/21/24		Lange Benzel		5/21/24 16:08			
		<i>[Signature]</i>		5/21/24 18:48		<i>[Signature]</i>		5/21/24 19:15			
		<i>[Signature]</i>		5/22/24 12:00		<i>[Signature]</i>		5/22/24 23:30			
		<i>[Signature]</i>		5/22/24 3:00		<i>[Signature]</i>		5/22/24 3:00			



ANALYTICAL REPORT

Lab Number:	L2430986
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	MARLBORO AGRICULTURAL EDCENTER
Project Number:	170702901
Report Date:	06/07/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2430986-01	SB05_R_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:40	05/20/24
L2430986-02	SB05_R_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:45	05/20/24
L2430986-03	SB05_R_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:50	05/20/24
L2430986-04	WC01_COMP_0-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/21/24 14:40	05/21/24
L2430986-05	WC02_COMP_0-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	05/20/24 14:10	05/20/24

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

L2430986-01, -02, -03, and -05: The sample was extracted with the method required holding time exceeded.

PCBs

The WG1929839-1 Method Blank, associated with L2430986-05, yielded internal standard (IS) responses for 1-bromo-2-nitrobenzene (29%, 28%) below the acceptance criteria. It was determined that the failure was isolated to the Method Blank based on the LCS/LCSD recovering within acceptance criteria. The associated sample has acceptable internal standards and surrogate recoveries; therefore, no further actions were taken.

Pesticides

L2430986-05: The sample was extracted with the method required holding time exceeded.

Herbicides

L2430986-05: The sample was extracted with the method required holding time exceeded.

Total Metals

L2430986-05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

Cyanide, Total

L2430986-05: The sample was analyzed with the method required holding time exceeded.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Case Narrative (continued)

Ignitability

L2430986-05: The sample was analyzed with the method required holding time exceeded.

Sulfide, Reactive

L2430986-05: The sample was analyzed with the method required holding time exceeded.

Cyanide, Reactive

L2430986-05: The sample was analyzed with the method required holding time exceeded.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 06/07/24

ORGANICS

SEMIVOLATILES

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-01 Date Collected: 05/20/24 14:40
 Client ID: SB05_R_4-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 18:19
 Analytical Date: 06/06/24 06:18
 Analyst: JG
 Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	120		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-01
Client ID: SB05_R_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	93	J	ug/kg	110	21.	1
Benzo(a)pyrene	61	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	82	J	ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	130		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	100	J	ug/kg	150	22.	1
Fluorene	29	J	ug/kg	190	18.	1
Phenanthrene	160		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	49	J	ug/kg	150	26.	1
Pyrene	160		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-01 Date Collected: 05/20/24 14:40
 Client ID: SB05_R_4-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	41		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-02 Date Collected: 05/20/24 14:45
 Client ID: SB05_R_0-2 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 18:19
 Analytical Date: 06/06/24 06:42
 Analyst: JG
 Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Benzidine	ND		ug/kg	570	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Azobenzene	ND		ug/kg	170	17.	1
Fluoranthene	140		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	130	J	ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-02 Date Collected: 05/20/24 14:45
 Client ID: SB05_R_0-2 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	82	J	ug/kg	100	20.	1
Benzo(a)pyrene	74	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	100		ug/kg	100	29.	1
Benzo(k)fluoranthene	31	J	ug/kg	100	28.	1
Chrysene	97	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	62	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	84	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	42	J	ug/kg	140	24.	1
Pyrene	120		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	22.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-02
Client ID: SB05_R_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	41		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-03 Date Collected: 05/20/24 14:50
 Client ID: SB05_R_2-4 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 18:19
 Analytical Date: 06/06/24 07:07
 Analyst: JG
 Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	25	J	ug/kg	140	19.	1
Benzidine	ND		ug/kg	590	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	550		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-03 Date Collected: 05/20/24 14:50
 Client ID: SB05_R_2-4 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	290		ug/kg	110	20.	1
Benzo(a)pyrene	250		ug/kg	140	44.	1
Benzo(b)fluoranthene	340		ug/kg	110	30.	1
Benzo(k)fluoranthene	110		ug/kg	110	29.	1
Chrysene	270		ug/kg	110	19.	1
Acenaphthylene	28	J	ug/kg	140	28.	1
Anthracene	86	J	ug/kg	110	35.	1
Benzo(ghi)perylene	130	J	ug/kg	140	21.	1
Fluorene	26	J	ug/kg	180	18.	1
Phenanthrene	320		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	26	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	140	25.	1
Pyrene	470		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-03
Client ID: SB05_R_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	35	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	53		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-04 Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 18:19
 Analytical Date: 06/06/24 07:31
 Analyst: JG
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6400		ug/kg	170	22.	1
Benzidine	ND		ug/kg	690	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	37.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Azobenzene	ND		ug/kg	210	20.	1
Fluoranthene	24000	E	ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	5100		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-04 Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	18000	E	ug/kg	120	23.	1
Benzo(a)pyrene	13000	E	ug/kg	170	51.	1
Benzo(b)fluoranthene	19000	E	ug/kg	120	35.	1
Benzo(k)fluoranthene	3900		ug/kg	120	33.	1
Chrysene	11000	E	ug/kg	120	22.	1
Acenaphthylene	790		ug/kg	170	32.	1
Anthracene	9700	E	ug/kg	120	41.	1
Benzo(ghi)perylene	5800		ug/kg	170	24.	1
Fluorene	6800		ug/kg	210	20.	1
Phenanthrene	26000	E	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	1600		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	6400		ug/kg	170	29.	1
Pyrene	20000	E	ug/kg	120	21.	1
Biphenyl	560		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	4200		ug/kg	210	20.	1
2-Methylnaphthalene	2200		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
n-Nitrosodimethylamine	ND		ug/kg	420	40.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	81	J	ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-04
Client ID: WC01_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 14:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	46	J	ug/kg	210	31.	1
2-Methylphenol	36	J	ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	98	J	ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	670	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	5400		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	270	56.	1
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		25-120
Phenol-d6	50		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	30		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-04 D Date Collected: 05/21/24 14:40
 Client ID: WC01_COMP_0-6 Date Received: 05/21/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/04/24 18:19
 Analytical Date: 06/06/24 17:29
 Analyst: JG
 Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	65000		ug/kg	1200	240	10
Benzo(a)anthracene	25000		ug/kg	1200	230	10
Benzo(a)pyrene	20000		ug/kg	1700	510	10
Benzo(b)fluoranthene	24000		ug/kg	1200	350	10
Chrysene	21000		ug/kg	1200	220	10
Anthracene	17000		ug/kg	1200	410	10
Phenanthrene	59000		ug/kg	1200	250	10
Pyrene	49000		ug/kg	1200	210	10

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05 Date Collected: 05/20/24 14:10
 Client ID: WC02_COMP_0-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 06/05/24 21:35
 Analytical Date: 06/07/24 04:06
 Analyst: LJG
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	50	J	ug/kg	140	18.	1
Benzidine	ND		ug/kg	590	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	720		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	30	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	100	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05
Client ID: WC02_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	390		ug/kg	110	20.	1
Benzo(a)pyrene	370		ug/kg	140	44.	1
Benzo(b)fluoranthene	440		ug/kg	110	30.	1
Benzo(k)fluoranthene	140		ug/kg	110	28.	1
Chrysene	360		ug/kg	110	18.	1
Acenaphthylene	38	J	ug/kg	140	28.	1
Anthracene	140		ug/kg	110	35.	1
Benzo(ghi)perylene	230		ug/kg	140	21.	1
Fluorene	54	J	ug/kg	180	17.	1
Phenanthrene	500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	52	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	210		ug/kg	140	25.	1
Pyrene	670		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	23	J	ug/kg	180	17.	1
2-Methylnaphthalene	24	J	ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05 Date Collected: 05/20/24 14:10
 Client ID: WC02_COMP_0-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	46	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	240	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	40		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 10:11
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/04/24 18:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1929663-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 10:11
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/04/24 18:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1929663-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	31.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/05/24 10:11
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 06/04/24 18:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1929663-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	83		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 02:30
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/05/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1930137-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 02:30
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/05/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1930137-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	31.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 06/06/24 02:30
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/05/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG1930137-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1929663-2 WG1929663-3								
Acenaphthene	66		73		31-137	10		50
Benidine	22		22		10-66	0		50
1,2,4-Trichlorobenzene	67		75		38-107	11		50
Hexachlorobenzene	86		94		40-140	9		50
Bis(2-chloroethyl)ether	57		62		40-140	8		50
2-Chloronaphthalene	71		78		40-140	9		50
1,2-Dichlorobenzene	62		67		40-140	8		50
1,3-Dichlorobenzene	60		64		40-140	6		50
1,4-Dichlorobenzene	60		66		28-104	10		50
3,3'-Dichlorobenzidine	61		71		40-140	15		50
2,4-Dinitrotoluene	79		88		40-132	11		50
2,6-Dinitrotoluene	85		97		40-140	13		50
Azobenzene	60		66		40-140	10		50
Fluoranthene	71		77		40-140	8		50
4-Chlorophenyl phenyl ether	69		77		40-140	11		50
4-Bromophenyl phenyl ether	77		86		40-140	11		50
Bis(2-chloroisopropyl)ether	43		47		40-140	9		50
Bis(2-chloroethoxy)methane	62		70		40-117	12		50
Hexachlorobutadiene	73		80		40-140	9		50
Hexachlorocyclopentadiene	91		101		40-140	10		50
Hexachloroethane	63		68		40-140	8		50
Isophorone	61		69		40-140	12		50
Naphthalene	62		69		40-140	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1929663-2 WG1929663-3								
Nitrobenzene	62		68		40-140	9		50
NDPA/DPA	69		77		36-157	11		50
n-Nitrosodi-n-propylamine	60		66		32-121	10		50
Bis(2-ethylhexyl)phthalate	73		82		40-140	12		50
Butyl benzyl phthalate	82		89		40-140	8		50
Di-n-butylphthalate	74		81		40-140	9		50
Di-n-octylphthalate	77		86		40-140	11		50
Diethyl phthalate	71		80		40-140	12		50
Dimethyl phthalate	75		85		40-140	13		50
Benzo(a)anthracene	66		73		40-140	10		50
Benzo(a)pyrene	73		79		40-140	8		50
Benzo(b)fluoranthene	70		77		40-140	10		50
Benzo(k)fluoranthene	72		79		40-140	9		50
Chrysene	64		71		40-140	10		50
Acenaphthylene	70		78		40-140	11		50
Anthracene	67		75		40-140	11		50
Benzo(ghi)perylene	69		75		40-140	8		50
Fluorene	68		75		40-140	10		50
Phenanthrene	66		73		40-140	10		50
Dibenzo(a,h)anthracene	68		75		40-140	10		50
Indeno(1,2,3-cd)pyrene	69		77		40-140	11		50
Pyrene	70		78		35-142	11		50
Biphenyl	64		72		37-127	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1929663-2 WG1929663-3								
4-Chloroaniline	58		66		40-140	13		50
2-Nitroaniline	86		97		47-134	12		50
3-Nitroaniline	66		76		26-129	14		50
4-Nitroaniline	69		78		41-125	12		50
Dibenzofuran	66		73		40-140	10		50
2-Methylnaphthalene	68		76		40-140	11		50
1,2,4,5-Tetrachlorobenzene	68		75		40-117	10		50
Acetophenone	60		66		14-144	10		50
n-Nitrosodimethylamine	50		54		22-100	8		50
2,4,6-Trichlorophenol	80		90		30-130	12		50
p-Chloro-m-cresol	73		83		26-103	13		50
2-Chlorophenol	67		74		25-102	10		50
2,4-Dichlorophenol	74		84		30-130	13		50
2,4-Dimethylphenol	79		89		30-130	12		50
2-Nitrophenol	85		94		30-130	10		50
4-Nitrophenol	71		76		11-114	7		50
2,4-Dinitrophenol	90		102		4-130	13		50
4,6-Dinitro-o-cresol	91		101		10-130	10		50
Pentachlorophenol	94		103		17-109	9		50
Phenol	57		63		26-90	10		50
2-Methylphenol	66		73		30-130.	10		50
3-Methylphenol/4-Methylphenol	72		81		30-130	12		50
2,4,5-Trichlorophenol	83		94		30-130	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1929663-2 WG1929663-3								
Benzoic Acid	60		75		10-110	22		50
Benzyl Alcohol	66		73		40-140	10		50
Carbazole	66		73		54-128	10		50
Atrazine	71		79		40-140	11		50
Benzaldehyde	56		62		40-140	10		50
Caprolactam	56		63		15-130	12		50
2,3,4,6-Tetrachlorophenol	80		89		40-140	11		50
1,4-Dioxane	37	Q	42		40-140	13		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	68		75		25-120
Phenol-d6	68		74		10-120
Nitrobenzene-d5	68		74		23-120
2-Fluorobiphenyl	74		85		30-120
2,4,6-Tribromophenol	106		121		10-136
4-Terphenyl-d14	79		87		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1930137-2 WG1930137-3								
Acenaphthene	51		66		31-137	26		50
Benzidine	18		35		10-66	64	Q	50
1,2,4-Trichlorobenzene	48		66		38-107	32		50
Hexachlorobenzene	51		68		40-140	29		50
Bis(2-chloroethyl)ether	55		70		40-140	24		50
2-Chloronaphthalene	49		62		40-140	23		50
1,2-Dichlorobenzene	50		66		40-140	28		50
1,3-Dichlorobenzene	50		63		40-140	23		50
1,4-Dichlorobenzene	50		63		28-104	23		50
3,3'-Dichlorobenzidine	49		59		40-140	19		50
2,4-Dinitrotoluene	60		70		40-132	15		50
2,6-Dinitrotoluene	60		71		40-140	17		50
Azobenzene	53		70		40-140	28		50
Fluoranthene	55		74		40-140	29		50
4-Chlorophenyl phenyl ether	55		75		40-140	31		50
4-Bromophenyl phenyl ether	61		73		40-140	18		50
Bis(2-chloroisopropyl)ether	40		51		40-140	24		50
Bis(2-chloroethoxy)methane	54		78		40-117	36		50
Hexachlorobutadiene	51		68		40-140	29		50
Hexachlorocyclopentadiene	70		89		40-140	24		50
Hexachloroethane	51		67		40-140	27		50
Isophorone	53		70		40-140	28		50
Naphthalene	49		63		40-140	25		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1930137-2 WG1930137-3								
Nitrobenzene	56		73		40-140	26		50
NDPA/DPA	53		70		36-157	28		50
n-Nitrosodi-n-propylamine	54		67		32-121	21		50
Bis(2-ethylhexyl)phthalate	52		68		40-140	27		50
Butyl benzyl phthalate	61		83		40-140	31		50
Di-n-butylphthalate	61		80		40-140	27		50
Di-n-octylphthalate	55		70		40-140	24		50
Diethyl phthalate	56		71		40-140	24		50
Dimethyl phthalate	52		62		40-140	18		50
Benzo(a)anthracene	58		73		40-140	23		50
Benzo(a)pyrene	63		76		40-140	19		50
Benzo(b)fluoranthene	59		74		40-140	23		50
Benzo(k)fluoranthene	54		71		40-140	27		50
Chrysene	58		73		40-140	23		50
Acenaphthylene	50		60		40-140	18		50
Anthracene	58		70		40-140	19		50
Benzo(ghi)perylene	52		70		40-140	30		50
Fluorene	54		70		40-140	26		50
Phenanthrene	54		66		40-140	20		50
Dibenzo(a,h)anthracene	52		69		40-140	28		50
Indeno(1,2,3-cd)pyrene	54		72		40-140	29		50
Pyrene	55		72		35-142	27		50
Biphenyl	46		58		37-127	23		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1930137-2 WG1930137-3								
4-Chloroaniline	52		65		40-140	22		50
2-Nitroaniline	59		74		47-134	23		50
3-Nitroaniline	58		68		26-129	16		50
4-Nitroaniline	62		82		41-125	28		50
Dibenzofuran	54		65		40-140	18		50
2-Methylnaphthalene	49		64		40-140	27		50
1,2,4,5-Tetrachlorobenzene	51		65		40-117	24		50
Acetophenone	56		69		14-144	21		50
n-Nitrosodimethylamine	48		65		22-100	30		50
2,4,6-Trichlorophenol	58		84		30-130	37		50
p-Chloro-m-cresol	57		70		26-103	20		50
2-Chlorophenol	58		75		25-102	26		50
2,4-Dichlorophenol	54		73		30-130	30		50
2,4-Dimethylphenol	67		100		30-130	40		50
2-Nitrophenol	67		102		30-130	41		50
4-Nitrophenol	63		82		11-114	26		50
2,4-Dinitrophenol	77		87		4-130	12		50
4,6-Dinitro-o-cresol	75		95		10-130	24		50
Pentachlorophenol	65		83		17-109	24		50
Phenol	60		74		26-90	21		50
2-Methylphenol	58		75		30-130	26		50
3-Methylphenol/4-Methylphenol	58		71		30-130	20		50
2,4,5-Trichlorophenol	58		81		30-130	33		50

Lab Control Sample Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG1930137-2 WG1930137-3								
Benzoic Acid	51		43		10-110	17		50
Benzyl Alcohol	59		73		40-140	21		50
Carbazole	55		72		54-128	27		50
Atrazine	59		78		40-140	28		50
Benzaldehyde	58		68		40-140	16		50
Caprolactam	56		68		15-130	19		50
2,3,4,6-Tetrachlorophenol	64		80		40-140	22		50
1,4-Dioxane	35	Q	49		40-140	33		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		81		25-120
Phenol-d6	58		74		10-120
Nitrobenzene-d5	57		75		23-120
2-Fluorobiphenyl	48		61		30-120
2,4,6-Tribromophenol	63		72		10-136
4-Terphenyl-d14	57		89		18-120

PCBS

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05
Client ID: WC02_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/06/24 15:15
Analyst: MEO
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/05/24 20:59
Cleanup Method: EPA 3665A
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.7	4.50	1	A
Aroclor 1221	ND		ug/kg	50.7	5.08	1	A
Aroclor 1232	ND		ug/kg	50.7	10.8	1	A
Aroclor 1242	ND		ug/kg	50.7	6.84	1	A
Aroclor 1248	ND		ug/kg	50.7	7.61	1	A
Aroclor 1254	ND		ug/kg	50.7	5.55	1	A
Aroclor 1260	23.3	J	ug/kg	50.7	9.37	1	B
Aroclor 1262	ND		ug/kg	50.7	6.44	1	A
Aroclor 1268	ND		ug/kg	50.7	5.26	1	A
PCBs, Total	23.3	J	ug/kg	50.7	4.50	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8082A
 Analytical Date: 06/05/24 15:26
 Analyst: MEO

Extraction Method: EPA 3546
 Extraction Date: 06/05/24 07:00
 Cleanup Method: EPA 3665A
 Cleanup Date: 06/05/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/05/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 05 Batch: WG1929839-1						
Aroclor 1016	ND		ug/kg	47.5	4.22	A
Aroclor 1221	ND		ug/kg	47.5	4.76	A
Aroclor 1232	ND		ug/kg	47.5	10.1	A
Aroclor 1242	ND		ug/kg	47.5	6.41	A
Aroclor 1248	ND		ug/kg	47.5	7.13	A
Aroclor 1254	ND		ug/kg	47.5	5.20	A
Aroclor 1260	ND		ug/kg	47.5	8.78	A
Aroclor 1262	ND		ug/kg	47.5	6.04	A
Aroclor 1268	ND		ug/kg	47.5	4.92	A
PCBs, Total	ND		ug/kg	47.5	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	251	Q	30-150	A
Decachlorobiphenyl	174	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	274	Q	30-150	B
Decachlorobiphenyl	188	Q	30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 05 Batch: WG1929839-2 WG1929839-3									
Aroclor 1016	78		76		40-140	3		50	A
Aroclor 1260	47		48		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		63		30-150	A
Decachlorobiphenyl	47		45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		65		30-150	B
Decachlorobiphenyl	51		42		30-150	B

PESTICIDES

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05
Client ID: WC02_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/06/24 19:57
Analyst: PEG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/05/24 19:52
Cleanup Method: EPA 3620B
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.326	1	A
Lindane	ND		ug/kg	0.694	0.310	1	A
Alpha-BHC	ND		ug/kg	0.694	0.197	1	A
Beta-BHC	ND		ug/kg	1.67	0.632	1	A
Heptachlor	ND		ug/kg	0.833	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.587	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.938	1	A
Endrin	ND		ug/kg	0.694	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.729	1	A
Endrin ketone	ND		ug/kg	1.67	0.429	1	A
Dieldrin	ND		ug/kg	1.04	0.521	1	A
4,4'-DDE	4.33		ug/kg	1.67	0.385	1	A
4,4'-DDD	1.97		ug/kg	1.67	0.594	1	A
4,4'-DDT	5.28		ug/kg	1.67	1.34	1	B
Endosulfan I	ND		ug/kg	1.67	0.394	1	A
Endosulfan II	ND		ug/kg	1.67	0.557	1	A
Endosulfan sulfate	ND		ug/kg	0.694	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.972	1	A
Toxaphene	ND		ug/kg	31.2	8.75	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND		ug/kg	2.08	0.550	1	A
Chlordane	ND		ug/kg	13.9	5.52	1	A

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05 Date Collected: 05/20/24 14:10
 Client ID: WC02_COMP_0-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05 Date Collected: 05/20/24 14:10
 Client ID: WC02_COMP_0-6 Date Received: 05/20/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8151A
 Analytical Date: 06/07/24 09:56
 Analyst: EJL
 Percent Solids: 93%
 Methylation Date: 06/07/24 04:16

Extraction Method: EPA 8151A
 Extraction Date: 06/05/24 14:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	178	11.2	1	A
2,4,5-T	ND		ug/kg	178	5.51	1	A
2,4,5-TP (Silvex)	ND		ug/kg	178	4.72	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	78		30-150	A
DCAA	75		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 06/07/24 07:48
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 06/05/24 11:17

Methylation Date: 06/07/24 04:16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 05 Batch: WG1930043-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.08	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.36	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	86		30-150	B

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/06/24 16:42
Analyst: PEG

Extraction Method: EPA 3546
Extraction Date: 06/05/24 19:52
Cleanup Method: EPA 3620B
Cleanup Date: 06/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1930281-1						
Delta-BHC	ND		ug/kg	1.55	0.303	A
Lindane	ND		ug/kg	0.646	0.288	A
Alpha-BHC	ND		ug/kg	0.646	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.587	A
Heptachlor	ND		ug/kg	0.775	0.347	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.90	0.872	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.678	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.968	0.484	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	1.55	1.24	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.307	A
Methoxychlor	ND		ug/kg	2.90	0.904	A
Toxaphene	ND		ug/kg	29.0	8.13	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.511	A
Chlordane	ND		ug/kg	12.9	5.13	A

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

**Method Blank Analysis
 Batch Quality Control**

Analytical Method: 1,8081B
 Analytical Date: 06/06/24 16:42
 Analyst: PEG

Extraction Method: EPA 3546
 Extraction Date: 06/05/24 19:52
 Cleanup Method: EPA 3620B
 Cleanup Date: 06/06/24
 Cleanup Method: EPA 3660B
 Cleanup Date: 06/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 05 Batch: WG1930281-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	92		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1930043-2 WG1930043-3									
2,4-D	76		76		30-150	0		30	A
2,4,5-T	82		80		30-150	2		30	A
2,4,5-TP (Silvex)	77		76		30-150	1		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	78		74		30-150	A
DCAA	86		81		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1930281-2 WG1930281-3									
Delta-BHC	94		96		30-150	2		30	A
Lindane	93		95		30-150	2		30	A
Alpha-BHC	98		100		30-150	2		30	A
Beta-BHC	108		110		30-150	2		30	A
Heptachlor	101		103		30-150	2		30	A
Aldrin	98		100		30-150	2		30	A
Heptachlor epoxide	85		86		30-150	1		30	A
Endrin	102		104		30-150	2		30	A
Endrin aldehyde	101		101		30-150	0		30	A
Endrin ketone	106		109		30-150	3		30	A
Dieldrin	110		114		30-150	4		30	A
4,4'-DDE	98		101		30-150	3		30	A
4,4'-DDD	106		110		30-150	4		30	A
4,4'-DDT	105		108		30-150	3		30	A
Endosulfan I	99		102		30-150	3		30	A
Endosulfan II	105		107		30-150	2		30	A
Endosulfan sulfate	101		102		30-150	1		30	A
Methoxychlor	123		128		30-150	4		30	A
cis-Chlordane	93		97		30-150	4		30	A
trans-Chlordane	119		123		30-150	3		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 05 Batch: WG1930281-2 WG1930281-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		82		30-150	A
Decachlorobiphenyl	83		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		81		30-150	B
Decachlorobiphenyl	98		104		30-150	B

METALS

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2430986**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2430986-05

Date Collected: 05/20/24 14:10

Client ID: WC02_COMP_0-6

Date Received: 05/20/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 06/05/24 15:43

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.0316	J	mg/l	1.00	0.0190	1	06/06/24 23:44	06/07/24 10:51	EPA 3015	1,6010D	MAM
Barium, TCLP	0.847		mg/l	0.500	0.0210	1	06/06/24 23:44	06/07/24 10:51	EPA 3015	1,6010D	MAM
Cadmium, TCLP	0.0130	J	mg/l	0.100	0.0100	1	06/06/24 23:44	06/07/24 10:51	EPA 3015	1,6010D	MAM
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	06/06/24 23:44	06/07/24 10:51	EPA 3015	1,6010D	MAM
Lead, TCLP	0.215	J	mg/l	0.500	0.0270	1	06/06/24 23:44	06/07/24 10:51	EPA 3015	1,6010D	MAM
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/06/24 23:35	06/07/24 07:30	EPA 7470A	1,7470A	JWN
Selenium, TCLP	0.0355	J	mg/l	0.500	0.0350	1	06/06/24 23:44	06/07/24 10:51	EPA 3015	1,6010D	MAM
Silver, TCLP	ND		mg/l	0.100	0.0280	1	06/06/24 23:44	06/07/24 10:51	EPA 3015	1,6010D	MAM



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2430986**Project Number:** 170702901**Report Date:** 06/07/24**SAMPLE RESULTS**

Lab ID: L2430986-05

Date Collected: 05/20/24 14:10

Client ID: WC02_COMP_0-6

Date Received: 05/20/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4630		mg/kg	8.49	2.29	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Antimony, Total	2.01	J	mg/kg	4.24	0.322	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Arsenic, Total	3.73		mg/kg	0.849	0.176	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Barium, Total	93.6		mg/kg	0.849	0.148	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Beryllium, Total	0.241	J	mg/kg	0.424	0.028	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Cadmium, Total	0.512	J	mg/kg	0.849	0.083	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Calcium, Total	45300		mg/kg	8.49	2.97	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Chromium, Total	11.1		mg/kg	0.849	0.082	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Cobalt, Total	5.68		mg/kg	1.70	0.141	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Copper, Total	52.1		mg/kg	0.849	0.219	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Iron, Total	16900		mg/kg	4.24	0.766	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Lead, Total	96.5		mg/kg	4.24	0.228	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Magnesium, Total	25400		mg/kg	8.49	1.31	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Manganese, Total	253		mg/kg	0.849	0.135	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Mercury, Total	0.140		mg/kg	0.073	0.047	1	06/06/24 15:39	06/07/24 08:46	EPA 7471B	1,7471B	JWN
Nickel, Total	18.2		mg/kg	2.12	0.205	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Potassium, Total	514		mg/kg	212	12.2	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Selenium, Total	ND		mg/kg	1.70	0.219	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Silver, Total	ND		mg/kg	0.424	0.240	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Sodium, Total	141	J	mg/kg	170	2.67	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Thallium, Total	ND		mg/kg	1.70	0.267	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Vanadium, Total	18.7		mg/kg	0.849	0.172	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
Zinc, Total	102		mg/kg	4.24	0.249	2	06/06/24 13:00	06/07/24 09:47	EPA 3050B	1,6010D	DMC
General Chemistry - Mansfield Lab											
Chromium, Trivalent	11.1		mg/kg	0.861	0.172	1		06/07/24 11:25	NA	107,-	



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1930443-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Barium, Total	ND		mg/kg	0.400	0.070	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Chromium, Total	0.138	J	mg/kg	0.400	0.038	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Iron, Total	1.43	J	mg/kg	2.00	0.361	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Manganese, Total	0.195	J	mg/kg	0.400	0.064	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Nickel, Total	0.961	J	mg/kg	1.00	0.097	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Potassium, Total	ND		mg/kg	100	5.76	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Silver, Total	ND		mg/kg	0.200	0.113	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Sodium, Total	1.27	J	mg/kg	80.0	1.26	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/06/24 13:00	06/07/24 09:33	1,6010D	DMC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05 Batch: WG1930452-1										
Mercury, Total	0.066	J	mg/kg	0.083	0.054	1	06/06/24 15:39	06/07/24 07:44	1,7471B	JWN



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 05 Batch: WG1930650-1										
Arsenic, TCLP	0.0322	J	mg/l	1.00	0.0190	1	06/06/24 23:44	06/07/24 09:01	1,6010D	MAM
Barium, TCLP	ND		mg/l	0.500	0.0210	1	06/06/24 23:44	06/07/24 09:01	1,6010D	MAM
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	06/06/24 23:44	06/07/24 09:01	1,6010D	MAM
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	06/06/24 23:44	06/07/24 09:01	1,6010D	MAM
Lead, TCLP	ND		mg/l	0.500	0.0270	1	06/06/24 23:44	06/07/24 09:01	1,6010D	MAM
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	06/06/24 23:44	06/07/24 09:01	1,6010D	MAM
Silver, TCLP	ND		mg/l	0.100	0.0280	1	06/06/24 23:44	06/07/24 09:01	1,6010D	MAM

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 06/04/24 23:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 05 Batch: WG1930652-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	06/06/24 23:35	06/07/24 07:24	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 06/04/24 23:37

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1930443-2								
Aluminum, Total	92		-		80-120	-		
Antimony, Total	90		-		80-120	-		
Arsenic, Total	87		-		80-120	-		
Barium, Total	92		-		80-120	-		
Beryllium, Total	92		-		80-120	-		
Cadmium, Total	89		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	86		-		80-120	-		
Cobalt, Total	86		-		80-120	-		
Copper, Total	92		-		80-120	-		
Iron, Total	94		-		80-120	-		
Lead, Total	89		-		80-120	-		
Magnesium, Total	90		-		80-120	-		
Manganese, Total	91		-		80-120	-		
Nickel, Total	89		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	87		-		80-120	-		
Silver, Total	92		-		80-120	-		
Sodium, Total	98		-		80-120	-		
Thallium, Total	92		-		80-120	-		
Vanadium, Total	87		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1930443-2					
Zinc, Total	84	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 05 Batch: WG1930452-2					
Mercury, Total	109	-	80-120	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 Batch: WG1930650-2					
Arsenic, TCLP	99	-	75-125	-	20
Barium, TCLP	97	-	75-125	-	20
Cadmium, TCLP	97	-	75-125	-	20
Chromium, TCLP	94	-	75-125	-	20
Lead, TCLP	102	-	75-125	-	20
Selenium, TCLP	94	-	75-125	-	20
Silver, TCLP	80	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 Batch: WG1930652-2					
Mercury, TCLP	102	-	80-120	-	



Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930443-3 QC Sample: L2427153-01 Client ID: MS Sample												
Aluminum, Total	18500	543	18400	0	Q	-	-		75-125	-		20
Antimony, Total	ND	136	133	98		-	-		75-125	-		20
Arsenic, Total	60.4	32.6	94.4	104		-	-		75-125	-		20
Barium, Total	78.1	543	605	97		-	-		75-125	-		20
Beryllium, Total	ND	13.6	13.3	98		-	-		75-125	-		20
Cadmium, Total	ND	14.4	13.1	91		-	-		75-125	-		20
Calcium, Total	7910	2720	12300	162	Q	-	-		75-125	-		20
Chromium, Total	42.1	54.3	91.2	90		-	-		75-125	-		20
Cobalt, Total	4.39J	136	135	99		-	-		75-125	-		20
Copper, Total	173	67.9	261	130	Q	-	-		75-125	-		20
Iron, Total	49900	272	52500	958	Q	-	-		75-125	-		20
Lead, Total	13.6J	144	147	102		-	-		75-125	-		20
Magnesium, Total	857	2720	3200	86		-	-		75-125	-		20
Manganese, Total	89.6	136	218	94		-	-		75-125	-		20
Nickel, Total	16.6	136	148	97		-	-		75-125	-		20
Potassium, Total	946	2720	3700	101		-	-		75-125	-		20
Selenium, Total	ND	32.6	29.7	91		-	-		75-125	-		20
Silver, Total	0.796J	13.6	13.6	100		-	-		75-125	-		20
Sodium, Total	2670	2720	5600	108		-	-		75-125	-		20
Thallium, Total	ND	32.6	28.0	86		-	-		75-125	-		20
Vanadium, Total	118	136	244	93		-	-		75-125	-		20



Matrix Spike Analysis
Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930443-3 QC Sample: L2427153-01 Client ID: MS Sample									
Zinc, Total	310	136	443	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930452-3 QC Sample: L2427153-01 Client ID: MS Sample									
Mercury, Total	0.402	5.14	4.85	86	-	-	80-120	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930650-3 QC Sample: L2430647-01 Client ID: MS Sample									
Arsenic, TCLP	ND	1.2	1.23	102	-	-	75-125	-	20
Barium, TCLP	0.413J	20	19.0	95	-	-	75-125	-	20
Cadmium, TCLP	ND	0.53	0.487	92	-	-	75-125	-	20
Chromium, TCLP	ND	2	1.80	90	-	-	75-125	-	20
Lead, TCLP	ND	5.3	5.18	98	-	-	75-125	-	20
Selenium, TCLP	ND	1.2	1.18	98	-	-	75-125	-	20
Silver, TCLP	ND	0.5	0.383	77	-	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930652-3 QC Sample: L2430986-05 Client ID: WC02_COMP_0-6									
Mercury, TCLP	ND	0.025	0.0250	100	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930443-4 QC Sample: L2427153-01 Client ID: DUP Sample						
Arsenic, Total	60.4	66.1	mg/kg	9		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Calcium, Total	7910	9070	mg/kg	14		20
Chromium, Total	42.1	41.5	mg/kg	1		20
Copper, Total	173	171	mg/kg	1		20
Iron, Total	49900	50800	mg/kg	2		20
Lead, Total	13.6J	14.5	mg/kg	NC		20
Magnesium, Total	857	816	mg/kg	5		20
Nickel, Total	16.6	15.9	mg/kg	4		20
Potassium, Total	946	927	mg/kg	2		20
Selenium, Total	ND	ND	mg/kg	NC		20
Sodium, Total	2670	2720	mg/kg	2		20
Zinc, Total	310	293	mg/kg	6		20
Total Metals - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930452-4 QC Sample: L2427153-01 Client ID: DUP Sample						
Mercury, Total	0.402	0.486	mg/kg	19		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930650-4 QC Sample: L2430647-01 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20



Lab Duplicate Analysis
Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCCENTER

Project Number: 170702901

Lab Number: L2430986

Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG1930652-4 QC Sample: L2430986-05 Client ID: WC02_COMP_0-6					
Mercury, TCLP	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: MARLBORO AGRICULTURAL EDCEN
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05
Client ID: WC02_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	06/05/24 16:53	1,1030	REM



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-01
Client ID: SB05_R_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:40
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	06/05/24 08:51	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-02
Client ID: SB05_R_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:45
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	06/05/24 08:51	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-03
Client ID: SB05_R_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:50
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	06/05/24 08:51	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-04
Client ID: WC01_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/21/24 14:40
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	05/23/24 09:44	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
Report Date: 06/07/24

SAMPLE RESULTS

Lab ID: L2430986-05
Client ID: WC02_COMP_0-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 05/20/24 14:10
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	06/05/24 08:51	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	06/04/24 20:00	06/05/24 13:11	1,9010C/9012B	JER
pH (H)	8.02		SU	-	NA	1	-	06/05/24 20:47	1,9045D	AAS
Chromium, Hexavalent	ND		mg/kg	0.861	0.172	1	06/07/24 08:52	06/07/24 11:25	1,7196A	RDS
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/06/24 12:10	06/06/24 14:25	125,7.3	JLB
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/06/24 12:10	06/06/24 14:47	125,7.3	JLB



Project Name: MARLBORO AGRICULTURAL EDCEN

Lab Number: L2430986

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Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1929673-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	06/04/24 20:00	06/05/24 12:46	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1930528-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	06/06/24 12:10	06/06/24 14:10	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1930576-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	06/06/24 12:10	06/06/24 14:36	125,7.3	JLB
General Chemistry - Westborough Lab for sample(s): 05 Batch: WG1930769-1										
Chromium, Hexavalent	0.350	J	mg/kg	0.800	0.160	1	06/07/24 08:52	06/07/24 11:25	1,7196A	RDS

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2430986

Project Number: 170702901

Report Date: 06/07/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1929673-2 WG1929673-3								
Cyanide, Total	104		105		80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1930282-1								
pH	99		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1930528-2								
Cyanide, Reactive	96		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1930576-2								
Sulfide, Reactive	104		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 05 Batch: WG1930769-2								
Chromium, Hexavalent	107		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
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Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1929673-4 WG1929673-5 QC Sample: L2430590-01 Client ID: MS Sample												
Cyanide, Total	ND	11	6.8	60	Q	0.63J	0	Q	75-125	NC		35
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1930769-4 QC Sample: L2430986-05 Client ID: WC02_COMP_0-6												
Chromium, Hexavalent	ND	1160	1110	96		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Lab Number: L2430986

Report Date: 06/07/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1924814-1 QC Sample: L2428089-01 Client ID: DUP Sample						
Solids, Total	80.8	83.0	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 01-03,05 QC Batch ID: WG1929833-1 QC Sample: L2429228-29 Client ID: DUP Sample						
Solids, Total	79.4	78.6	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1930282-2 QC Sample: L2430911-01 Client ID: DUP Sample						
pH	6.82	6.66	SU	2		5
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1930528-3 QC Sample: L2430361-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1930576-3 QC Sample: L2430361-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 05 QC Batch ID: WG1930769-6 QC Sample: L2430986-05 Client ID: WC02_COMP_0-6						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Serial_No:06072414:33
Lab Number: L2430986
Report Date: 06/07/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler **Custody Seal**
A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2430986-01A	Glass 120ml unpreserved split	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2430986-02A	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2430986-03A	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2430986-04A	Glass 120ml/4oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),TS(7)
L2430986-05A	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		COMP-S()
L2430986-05B	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		COMP-S()
L2430986-05C	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		COMP-S()
L2430986-05D	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		COMP-S()
L2430986-05E	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		COMP-S()
L2430986-05M	Glass 60ml unpreserved split	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2430986-05N	Glass 500ml unpreserved split	A	NA		3.8	Y	Absent		REACTS(14),IGNIT-1030(14),NYTCL-8270(14),TCN-9010(14),HERB-APA(14),TS(7),PH-9045(1),NYTCL-8081(14),NYTCL-8082(365),REACTCN(14),HEXCR-7196(30)
L2430986-05X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.8	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2430986-05X9	Tumble Vessel	A	NA		3.8	Y	Absent		-

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2430986
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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MARLBORO AGRICULTURAL EDCENTER
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Report Date: 06/07/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 107 Alpha Analytical - In-house calculation method.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 1	Date Rec'd in Lab 5/22/24	L2430986 WMC 6/4/24 ALPHA Job # L2430986																																																																																																															
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information Project Name: Marlboro Agricultural Education Center Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223 Project #: 170702901 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other Standard Report																																																																																																														
Client Information Client: Langan Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																																															
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">Analysis</th> <th rowspan="2">Preservative</th> <th rowspan="2">Container Type</th> <th rowspan="2">Comments</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>010234</td> <td>SB05_S_10_0-2</td> <td>5/21/24</td> <td>1105</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>010234</td> <td>SB05_S_10_2-4</td> <td>5/21/24</td> <td>1110</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>010234</td> <td>SB05_S_10_4-6</td> <td>5/21/24</td> <td>1125</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>010234</td> <td>SB05_S_10_6-8</td> <td>5/21/24</td> <td>1120</td> <td>S</td> <td>BK</td> <td>X</td> <td>X</td> <td></td> <td></td> </tr> <tr> <td>010234</td> <td>SB05_S_10_8-10</td> <td>5/21/24</td> <td>1130</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>30986-05</td> <td>SB05_S_20_0-2</td> <td>5/21/24</td> <td>1030</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td>X</td> <td></td> </tr> <tr> <td>-05</td> <td>SB05_S_20_2-4</td> <td>5/21/24</td> <td>1035</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td>X</td> <td></td> </tr> <tr> <td>010234</td> <td>SB05_S_20_4-6</td> <td>5/21/24</td> <td>1040</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>010234</td> <td>SB05_S_20_6-8</td> <td>5/21/24</td> <td>1045</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>010234</td> <td>SB05_S_20_8-10</td> <td>5/21/24</td> <td>1050</td> <td>S</td> <td>BK</td> <td>X</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis	Preservative	Container Type	Comments	Date	Time	010234	SB05_S_10_0-2	5/21/24	1105	S	BK	X				010234	SB05_S_10_2-4	5/21/24	1110	S	BK	X				010234	SB05_S_10_4-6	5/21/24	1125	S	BK	X				010234	SB05_S_10_6-8	5/21/24	1120	S	BK	X	X			010234	SB05_S_10_8-10	5/21/24	1130	S	BK	X				30986-05	SB05_S_20_0-2	5/21/24	1030	S	BK	X		X		-05	SB05_S_20_2-4	5/21/24	1035	S	BK	X		X		010234	SB05_S_20_4-6	5/21/24	1040	S	BK	X				010234	SB05_S_20_6-8	5/21/24	1045	S	BK	X				010234	SB05_S_20_8-10	5/21/24	1050	S	BK	X				Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)	Sample ID			Collection								Sample Matrix	Sampler's Initials	Analysis	Preservative	Container Type	Comments																																																																																																		
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010234	SB05_S_10_4-6	5/21/24	1125	S	BK	X																																																																																																													
010234	SB05_S_10_6-8	5/21/24	1120	S	BK	X	X																																																																																																												
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30986-05	SB05_S_20_0-2	5/21/24	1030	S	BK	X		X																																																																																																											
-05	SB05_S_20_2-4	5/21/24	1035	S	BK	X		X																																																																																																											
010234	SB05_S_20_4-6	5/21/24	1040	S	BK	X																																																																																																													
010234	SB05_S_20_6-8	5/21/24	1045	S	BK	X																																																																																																													
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Form No: 01-25 (rev. 30-Sept-2013)		Relinquished By: Brian Kenneally/Langan Date/Time: 5/21/24 16:05		Received By: Date/Time: 5/21/24 16:05		Received By: Date/Time: 5/21/24 16:05		Received By: Date/Time: 5/21/24 16:05																																																																																																											

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 3	Date Rec'd in Lab 5/21/24	L2430986 WMC 6/4/24 ALPHA Job # L2427953				
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288						
Project Information		Deliverables		Billing Information				
Project Name: Marlboro Agricultural Education Center		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other		<input checked="" type="checkbox"/> Same as Client Info				
Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223				PO #				
Project #: 170702901								
(Use Project name as Project #) <input type="checkbox"/>		Regulatory Requirement		Disposal Site Information				
Project Manager: Paul McMahon		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities.				
ALPHAQuote #:				Disposal Facility:				
Turn-Around Time				<input type="checkbox"/> NJ <input type="checkbox"/> NY				
Standard <input checked="" type="checkbox"/> Due Date:				<input type="checkbox"/> Other:				
Rush (only if pre approved) <input type="checkbox"/> # of Days:								
Client Information Client: Langan Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com								
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results		ANALYSIS		Sample Filtration				
Please specify Metals or TAL.		ANALYSIS SVOCs, [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)				
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials			Sample Specific Comments
		Date	Time					
27953	DS01_COMP_6-30	5/20/24	1530	S	BK	X	X	
02	SB05_N_40_4-6	5/20/24	1400	S	BK			X X
03	SB05_N_40_20-22	5/20/24	1405	S	BK			X X
30986-01	SB05_R-4-6	5/20/24	1440	S	BK	X		X X
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS .
		Relinquished By:		Date/Time	Received By:		Date/Time	
		Brian Kenneally/Langan		5/20/24 1617	CJSTAC		5/20/24 16:17	
		<i>Anthony Green</i>		5/21/24 19:38	<i>Anthony Green</i>		MAY 20 2024 217	
				5/21/24 0120			5/21/24 0120	
				5/21/24 0330			5/21/24 330	



NEW YORK CHAIN OF CUSTODY

Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

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Date Rec'd in Lab 5/21/24

L2430986 WMC 6/4/24 ALPHA Job # 12427953

Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193

Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288

Project Information

Project Name: Marlboro Agricultural Education Center Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223 Project #: 170702901

Deliverables

ASP-A, ASP-B, EQUiS (1 File), EQUiS (4 File), Other

Billing Information

Same as Client Info, PO #

Client Information

Client: Langan Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com

Regulatory Requirement

NY TOGS, NY Part 375, AWQ Standards, NY CP-51, NY Restricted Use, NY Unrestricted Use, NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities. Disposal Facility: NJ, NY, Other

These samples have been previously analyzed by Alpha

Other project specific requirements/comments: Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results *SVOCs Please specify Metals or TAL.

ANALYSIS

Table with columns for analysis parameters and results. Includes handwritten 'X' marks.

Sample Filtration

Done, Lab to do, Preservation, Lab to do. (Please Specify below)

Main data table with columns: ALPHA Lab ID, Sample ID, Collection (Date, Time), Sample Matrix, Sampler's Initials, and Sample Specific Comments. Includes handwritten entries and crossed-out rows.

Preservative Code: A = None, B = HCl, C = HNO3, D = H2SO4, E = NaOH, F = MeOH, G = NaHSO4, H = Na2S2O3, K/E = Zn Ac/NaOH, O = Other


Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935 Mansfield: Certification No: MA015

Container Type, Preservative

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Handwritten signatures and dates for Relinquished By and Received By.



NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3298

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tontawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3
of 3

Date Rec'd
in Lab 5/21/24

L2430986 WMC 6/4/24
ALPHA Job #
L2430986

Project Information

Project Name: Marlboro Agricultural Education Center

Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223

Project # 170702901

(Use Project name as Project #)

Project Manager: Paul McMahon

ALPHAQuote #:

Turn-Around Time

Standard Due Date:

Rush (only if pre approved) # of Days:

Deliverables

ASP-A ASP-B

EQUiS (1 File) EQUiS (4 File)

Other

Billing Information

Same as Client: Info

PO #

Client Information

Client: Langan

Address: 360 West 31st Street, 8th Floor
New York, NY 10001

Phone: 212.479.5400

Fax:

Email: pmcmahon@langan.com

Regulatory Requirement

NY TOGS NY Part 375

AWQ Standards NY CP-51

NY Restricted Use Other

NY Unrestricted Use

NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:

NJ NY

Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results

*COMP all -05 and & Run for TAL Metals, TCLP RCRA8, PCB, TriCr, Herb, Pest, SVOCs, HexCr, Cyanide, pH, Reactivity, Ignitability

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	*
		Date	Time			
	SB05_N_30_0-2	5/1	124	S	BK	X
	SB05_N_30_2-4	5/1	124	S	BK	X
	SB05_N_30_4-6	5/1	124	S	BK	X
	SB05_N_30_6-8	5/1	124	S	BK	X
	SB05_N_30_8-10	5/1	124	S	BK	X
	SB05_N_40_0-2	5/20	124 1410	S	BK	X
	SB05_N_40_2-4	5/20	124 1415	S	BK	X
	SB05_N_40_4-6	5/20	124 1420	S	BK	X
	SB05_N_40_6-8	5/20	124 1425	S	BK	X
	SB05_N_40_8-10	5/20	124 1430	S	BK	X

Sample Filtration

Done

Lab to do

Preservation

Lab to do

(Please Specify below)

Sample Specific Comments

Preservative Code:

A = None
B = HCl
C = HNO₃
D = H₂SO₄
E = NaOH
F = MeOH
G = NaHSO₄
H = Na₂S₂O₃
K/E = Zn Ac/NaOH
O = Other

Container Code

P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

Preservative

Relinquished By:

Brian Kenneally/Langan

Anthony Green

Date/Time

5/20/24 16:17

5/21/24 19:38

5/21/24 01:20

5/21/24 03:30

Received By:

GJAC

Anthony Green

[Signature]

Date/Time

5/20/24 16:17

MAY 20 2024 21:17


5/21/24 01:20


5/21 330


Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

30986-05

O T A I B O T T L E

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1	Date Rec'd in Lab 5/22/24	L2430986 WMC 6/4/24 ALPHA Job # L2430986			
		of 4					
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		Billing Information	
		Project Name: Marlboro Agricultural Education Center		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQuS (1 File) <input type="checkbox"/> EQuS (4 File) <input checked="" type="checkbox"/> Other <i>Standard Report</i>		<input checked="" type="checkbox"/> Same as Client Info PO#	
Client Information		Project # 170702901		Regulatory Requirement		Disposal Site Information	
Client: Langan		(Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com		Project Manager: Paul McMahon					
		ALPHAQuote #:					
		Turn-Around Time:					
		Standard <input checked="" type="checkbox"/> Due Date:					
		Rush (only if pre approved) <input type="checkbox"/> # of Days:					
These samples have been previously analyzed by Alpha <input type="checkbox"/>				ANALYSIS		Sample Filtration	
Other project specific requirements/comments:				* (HOLD) Total PCB Level		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)	
Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results						Sample Specific Comments	
*COMP all -05 and & Run for TAL Metals, TCLP RCRA8, PCB, TriCr, Herb, Pest, SVOCs, HexCr, Cyanide, pH, Reactivity, Ignitability							
Please specify Metals or TAL.							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	X	*
28024	SB05_N_10_0-2	5/21/24	1240	S	BK	X	
28	SB05_N_10_2-4	5/21/24	1242	S	BK	X	
27	SB05_N_10_4-6	5/21/24	1244	S	BK	X	
24	SB05_N_10_6-8	5/21/24	1246	S	BK	X	
25	SB05_N_10_8-10	5/21/24	1248	S	BK	X	
26	SB05_N_20_0-2	5/21/24	1350	S	BK	X	
30986-05	SB05_N_20_2-4	5/21/24	1352	S	BK	X	X
28	SB05_N_20_4-6	5/21/24	1354	S	BK	X	
29	SB05_N_20_6-8	5/21/24	1356	S	BK	X	
30	SB05_N_20_8-10	5/21/24	1358	S	BK	X	
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type	
A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Mansfield: Certification No: MA015		Preservative	
				Relinquished By:		Date/Time	
				Received By:		Date/Time	
		Brian Kenneally/Langan		5/21/24 16:08		5/21/24 16:08	
		<i>[Signature]</i>		5/21/24 18:45		5/21/24 18:45	
		<i>[Signature]</i>		5/21/24 23:30		5/22/24 3:00	
		5/22/24 23:00		<i>[Signature]</i>		5/22/24 3:00	
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS .							
Form No: 01-25 (rev. 30-Sept-2013)							

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1	Date Rec'd in Lab 5/22/24	L2430986 WMC 6/4/24 ALPHA Job # LQ122034		
		of 5				
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables		
Client Information		Project Name: Marlboro Agricultural Education Center Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223 Project #: 170702901 (Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other Standard Report		
Client: Langan Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com		Project Manager: Paul McMahon ALPHAQuote #:		Regulatory Requirement		
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information		
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results *COMP all -05 and & Run for TAL Metals, TCLP RCRA8, PCB, TriCr, Herb, Pest, SVOCs, HexCr, Cyanide, pH, Reactivity, Ignitability Please specify Metals or TAL.		ANALYSIS		Sample Filtration		
				<input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input checked="" type="checkbox"/> Preservation <input type="checkbox"/> Lab to do (Please Specify below)		
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time	Sample Matrix	Sampler's Initials	* X	Sample Specific Comments
30986-05	SB05_N_30_0-2	5/21/24 1415	S	BK	X	
	SB05_N_30_2-4	5/21/24 1420	S	BK	X	
30986-05	SB05_N_30_4-6	5/21/24 1425	S	BK	X	X
	SB05_N_30_6-8	5/21/24 1430	S	BK	X	
	SB05_N_30_8-10	5/21/24 1435	S	BK	X	
	SB05_N_40_0-2	5/21/24	S	BK	X	
	SB05_N_40_2-4	5/21/24	S	BK	X	
	SB05_N_40_4-6	5/21/24	S	BK	X	
	SB05_N_40_6-8	5/21/24	S	BK	X	
	SB05_N_40_8-10	5/21/24	S	BK	X	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.	
		Relinquished By:	Date/Time	Received By:	Date/Time	
		Brian Kenneally/Langan	5/21/24 16:05	nmr Aunsel	5/21/24 16:08	
		unrecovered	5/21/24 18:44	unrecovered	5/21/24 18:45	
		unrecovered	5/22/24 0300	unrecovered	5/22/24 300	

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	<u>Service Centers</u> Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 6	Date Rec'd in Lab 5/22/24	L2430986 WMC 6/4/24 ALPHA Job # L2430986									
		Project Information Project Name: Mariboro Agricultural Education Center Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223 Project #: 170702901 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other <i>Standard Report</i>		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #								
Client Information Client: Langan Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com		Project Manager: Paul McMahon ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:								
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Copy Lgrose@langan.com and DataManagement@langanc.com on laboratory results. Please specify Metals or TAL.		ANALYSIS [Blacked out columns for analysis results]		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments										
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time	Sample Matrix	Sampler's Initials										
10934	WC01_COMP_0-6	5/21/24 1440	S	BK	X	X	X	X	X	X				
	SB05-R GRAB	5/ /24	S	BK							X	X		
	SB05 N 40 4-6 GRAB	5/ /24	S	BK							X	X		
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.						
Form No: 01-25 (rev. 30-Sept-2013)		Relinquished By:		Date/Time		Received By:		Date/Time						
		Brian Kenneally/Langan		10:35 5/21/24		Lange Benzel		5/21/24 16:08						
		g. n. benzel		5/21/24 18:48		[Signature]		5/21/24 19:15						
		[Signature]		5/22/24 12:00		[Signature]		5/22/24 23:30						

-04
30986



ANALYTICAL REPORT

Lab Number:	L2438248
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Paul McMahon
Phone:	(212) 479-5429
Project Name:	MARLBORO AGRICULTURAL EDCENTER
Project Number:	170702901
Report Date:	07/23/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Lab Number: L2438248

Report Date: 07/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438248-01	SB05_N_4_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 12:10	07/08/24
L2438248-02	SB05_N_4_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 12:15	07/08/24
L2438248-03	SB05_N_4_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 12:20	07/08/24
L2438248-04	SB05_N_4_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 12:25	07/08/24
L2438248-05	SB05_N_7_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 11:40	07/08/24
L2438248-06	SB05_N_7_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 11:45	07/08/24
L2438248-07	SB05_N_7_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 11:50	07/08/24
L2438248-08	SB05_N_7_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 11:55	07/08/24
L2438248-09	WC03_COMP_0-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 15:30	07/08/24
L2438248-10	SB05_S_4_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 12:40	07/08/24
L2438248-11	SB05_S_4_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 12:45	07/08/24
L2438248-12	SB05_S_4_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 12:50	07/08/24
L2438248-13	SB05_S_4_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 12:55	07/08/24
L2438248-14	SB05_S_7_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 13:10	07/08/24
L2438248-15	SB05_S_7_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 13:15	07/08/24
L2438248-16	SB05_S_7_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 13:20	07/08/24
L2438248-17	SB05_S_7_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 13:25	07/08/24
L2438248-18	SB05_E_4_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 09:40	07/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438248-19	SB05_E_4_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 09:45	07/08/24
L2438248-20	SB05_E_4_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 09:50	07/08/24
L2438248-21	SB05_E_4_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 09:55	07/08/24
L2438248-22	SB05_E_7_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 10:20	07/08/24
L2438248-23	SB05_E_7_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 10:25	07/08/24
L2438248-24	SB05_E_7_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 10:30	07/08/24
L2438248-25	SB05_E_7_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 10:35	07/08/24
L2438248-26	SB05_W_4_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 14:00	07/08/24
L2438248-27	SB05_W_4_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 14:05	07/08/24
L2438248-28	SB05_W_4_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 14:10	07/08/24
L2438248-29	SB05_W_4_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 14:15	07/08/24
L2438248-30	SB05_W_7_0-2	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 14:30	07/08/24
L2438248-31	SB05_W_7_2-4	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 14:35	07/08/24
L2438248-32	SB05_W_7_4-6	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 14:40	07/08/24
L2438248-33	SB05_W_7_6-8	SOIL	2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223	07/08/24 14:45	07/08/24

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Case Narrative (continued)

Report Submission

July 23, 2024: This final report includes the results of all requested analyses.

July 16, 2024: This preliminary report includes the results of the following analyses:

L2438248-22, -23, and -24: Semivolatile Organics, Total Lead, and TCLP Lead

July 12, 2024: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2438248-09: At the client's request, the sample was placed on hold.

Total Metals

L2438248-01, -02, -03, -10, -11, -12, -18, -19, -20, -22, -23, -24, -26, -27 and -28: The sample has an elevated detection limit lead due to the dilution required by the sample matrix.

The WG1946578-3 MS recovery, performed on L2438248-22, is outside the acceptance criteria for lead (222%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 07/23/24

ORGANICS

SEMIVOLATILES

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-01 Date Collected: 07/08/24 12:10
 Client ID: SB05_N_4_0-2 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/10/24 16:19
 Analytical Date: 07/12/24 04:09
 Analyst: LJG
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	66	J	ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	1700		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	49	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	290		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-01 Date Collected: 07/08/24 12:10
 Client ID: SB05_N_4_0-2 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	920		ug/kg	100	20.	1
Benzo(a)pyrene	870		ug/kg	140	43.	1
Benzo(b)fluoranthene	1100		ug/kg	100	30.	1
Benzo(k)fluoranthene	280		ug/kg	100	28.	1
Chrysene	920		ug/kg	100	18.	1
Acenaphthylene	140		ug/kg	140	27.	1
Anthracene	260		ug/kg	100	34.	1
Benzo(ghi)perylene	830		ug/kg	140	21.	1
Fluorene	79	J	ug/kg	180	17.	1
Phenanthrene	910		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	140		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	630		ug/kg	140	24.	1
Pyrene	1600		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	39	J	ug/kg	180	17.	1
2-Methylnaphthalene	21	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-01
Client ID: SB05_N_4_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:10
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	84	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	47.	1
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	89		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-02 Date Collected: 07/08/24 12:15
 Client ID: SB05_N_4_2-4 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/10/24 16:19
 Analytical Date: 07/12/24 04:32
 Analyst: LJG
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	51	J	ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	1500		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	36	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	180	60.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-02 Date Collected: 07/08/24 12:15
 Client ID: SB05_N_4_2-4 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	830		ug/kg	100	20.	1
Benzo(a)pyrene	730		ug/kg	140	43.	1
Benzo(b)fluoranthene	910		ug/kg	100	29.	1
Benzo(k)fluoranthene	290		ug/kg	100	28.	1
Chrysene	820		ug/kg	100	18.	1
Acenaphthylene	180		ug/kg	140	27.	1
Anthracene	270		ug/kg	100	34.	1
Benzo(ghi)perylene	540		ug/kg	140	20.	1
Fluorene	72	J	ug/kg	180	17.	1
Phenanthrene	830		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	110		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	480		ug/kg	140	24.	1
Pyrene	1300		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	38	J	ug/kg	180	16.	1
2-Methylnaphthalene	21	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-02
Client ID: SB05_N_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:15
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	63	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	81		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-03
Client ID: SB05_N_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:20
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/12/24 04:55
Analyst: LJG
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Benzidine	ND		ug/kg	590	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	230		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-03
Client ID: SB05_N_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:20
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	170		ug/kg	110	20.	1
Benzo(a)pyrene	180		ug/kg	140	43.	1
Benzo(b)fluoranthene	230		ug/kg	110	30.	1
Benzo(k)fluoranthene	54	J	ug/kg	110	28.	1
Chrysene	170		ug/kg	110	18.	1
Acenaphthylene	86	J	ug/kg	140	27.	1
Anthracene	50	J	ug/kg	110	35.	1
Benzo(ghi)perylene	130	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	100	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	35	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	120	J	ug/kg	140	25.	1
Pyrene	200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-03
Client ID: SB05_N_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:20
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	240	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	73		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-10 Date Collected: 07/08/24 12:40
 Client ID: SB05_S_4_0-2 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/10/24 16:19
 Analytical Date: 07/12/24 00:41
 Analyst: LJG
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	790		ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	9200	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	190		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-10

Date Collected: 07/08/24 12:40

Client ID: SB05_S_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	4900		ug/kg	100	20.	1
Benzo(a)pyrene	4200		ug/kg	140	43.	1
Benzo(b)fluoranthene	5500		ug/kg	100	30.	1
Benzo(k)fluoranthene	1200		ug/kg	100	28.	1
Chrysene	4100		ug/kg	100	18.	1
Acenaphthylene	310		ug/kg	140	27.	1
Anthracene	2100		ug/kg	100	34.	1
Benzo(ghi)perylene	2600		ug/kg	140	21.	1
Fluorene	820		ug/kg	180	17.	1
Phenanthrene	6300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	550		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2600		ug/kg	140	24.	1
Pyrene	7800	E	ug/kg	100	18.	1
Biphenyl	40	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	380		ug/kg	180	17.	1
2-Methylnaphthalene	120	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-10
Client ID: SB05_S_4_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:40
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	780		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	20		10-136
4-Terphenyl-d14	88		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-10 D Date Collected: 07/08/24 12:40
 Client ID: SB05_S_4_0-2 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 07/10/24 16:19

Analytical Date: 07/12/24 12:37

Analyst: SZ

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	11000		ug/kg	530	100	5
Pyrene	8800		ug/kg	530	88.	5

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-11
Client ID: SB05_S_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:45
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/12/24 03:00
Analyst: LJG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	2600		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	42	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	25	J	ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	200		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-11
Client ID: SB05_S_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:45
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1400		ug/kg	100	20.	1
Benzo(a)pyrene	1200		ug/kg	140	43.	1
Benzo(b)fluoranthene	1600		ug/kg	100	30.	1
Benzo(k)fluoranthene	370		ug/kg	100	28.	1
Chrysene	1200		ug/kg	100	18.	1
Acenaphthylene	180		ug/kg	140	27.	1
Anthracene	440		ug/kg	100	34.	1
Benzo(ghi)perylene	810		ug/kg	140	21.	1
Fluorene	130	J	ug/kg	180	17.	1
Phenanthrene	1400		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	180		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	770		ug/kg	140	24.	1
Pyrene	2300		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	52	J	ug/kg	180	17.	1
2-Methylnaphthalene	28	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-11
Client ID: SB05_S_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:45
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	160	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1
Caprolactam	ND		ug/kg	180	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	35.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	98		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-12
Client ID: SB05_S_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:50
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/12/24 01:04
Analyst: LJG
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	520		ug/kg	170	22.	1
Benzidine	ND		ug/kg	690	230	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Azobenzene	ND		ug/kg	210	20.	1
Fluoranthene	6000		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	110	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	82	J	ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-12 Date Collected: 07/08/24 12:50
 Client ID: SB05_S_4_4-6 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	3000		ug/kg	130	24.	1
Benzo(a)pyrene	2400		ug/kg	170	51.	1
Benzo(b)fluoranthene	2900		ug/kg	130	35.	1
Benzo(k)fluoranthene	1000		ug/kg	130	34.	1
Chrysene	2400		ug/kg	130	22.	1
Acenaphthylene	140	J	ug/kg	170	32.	1
Anthracene	1400		ug/kg	130	41.	1
Benzo(ghi)perylene	1400		ug/kg	170	25.	1
Fluorene	580		ug/kg	210	20.	1
Phenanthrene	4400		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	320		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	170	29.	1
Pyrene	4900		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	280		ug/kg	210	20.	1
2-Methylnaphthalene	87	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
n-Nitrosodimethylamine	ND		ug/kg	420	40.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	79.	1
4-Nitrophenol	ND		ug/kg	290	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-12
Client ID: SB05_S_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:50
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	430		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	94		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-18 Date Collected: 07/08/24 09:40
 Client ID: SB05_E_4_0-2 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/10/24 16:19
 Analytical Date: 07/12/24 05:18
 Analyst: LJG
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	3700		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	69	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-18

Date Collected: 07/08/24 09:40

Client ID: SB05_E_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	2200		ug/kg	110	20.	1
Benzo(a)pyrene	1700		ug/kg	140	43.	1
Benzo(b)fluoranthene	2100		ug/kg	110	30.	1
Benzo(k)fluoranthene	630		ug/kg	110	28.	1
Chrysene	1900		ug/kg	110	18.	1
Acenaphthylene	280		ug/kg	140	27.	1
Anthracene	710		ug/kg	110	34.	1
Benzo(ghi)perylene	1000		ug/kg	140	21.	1
Fluorene	240		ug/kg	180	17.	1
Phenanthrene	2100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	230		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	1000		ug/kg	140	25.	1
Pyrene	3400		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	82	J	ug/kg	180	17.	1
2-Methylnaphthalene	53	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-18
Client ID: SB05_E_4_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:40
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	200		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	81		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-19 Date Collected: 07/08/24 09:45
 Client ID: SB05_E_4_2-4 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/10/24 16:19
 Analytical Date: 07/12/24 05:41
 Analyst: LJG
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	980		ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	9900	E	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	330		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-19

Date Collected: 07/08/24 09:45

Client ID: SB05_E_4_2-4

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	6000		ug/kg	100	20.	1
Benzo(a)pyrene	4500		ug/kg	140	43.	1
Benzo(b)fluoranthene	5800		ug/kg	100	30.	1
Benzo(k)fluoranthene	1500		ug/kg	100	28.	1
Chrysene	4600		ug/kg	100	18.	1
Acenaphthylene	330		ug/kg	140	27.	1
Anthracene	2700		ug/kg	100	34.	1
Benzo(ghi)perylene	2800		ug/kg	140	21.	1
Fluorene	1100		ug/kg	180	17.	1
Phenanthrene	7700	E	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	620		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	2800		ug/kg	140	24.	1
Pyrene	8100	E	ug/kg	100	18.	1
Biphenyl	59	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	500		ug/kg	180	17.	1
2-Methylnaphthalene	190	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-19
Client ID: SB05_E_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:45
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	880		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	79		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-19 D Date Collected: 07/08/24 09:45
 Client ID: SB05_E_4_2-4 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 07/10/24 16:19

Analytical Date: 07/12/24 13:01

Analyst: SZ

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	12000		ug/kg	530	100	5
Phenanthrene	8300		ug/kg	530	110	5
Pyrene	9800		ug/kg	530	88.	5

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-20
Client ID: SB05_E_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:50
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/12/24 06:04
Analyst: LJG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	450		ug/kg	140	19.	1
Benzidine	ND		ug/kg	600	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	4100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	200		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	63	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-20 Date Collected: 07/08/24 09:50
 Client ID: SB05_E_4_4-6 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2400		ug/kg	110	20.	1
Benzo(a)pyrene	2100		ug/kg	140	44.	1
Benzo(b)fluoranthene	2500		ug/kg	110	30.	1
Benzo(k)fluoranthene	870		ug/kg	110	29.	1
Chrysene	1900		ug/kg	110	19.	1
Acenaphthylene	300		ug/kg	140	28.	1
Anthracene	1100		ug/kg	110	35.	1
Benzo(ghi)perylene	1300		ug/kg	140	21.	1
Fluorene	490		ug/kg	180	18.	1
Phenanthrene	3200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	290		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1300		ug/kg	140	25.	1
Pyrene	3600		ug/kg	110	18.	1
Biphenyl	25	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	220		ug/kg	180	17.	1
2-Methylnaphthalene	98	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-20
Client ID: SB05_E_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:50
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	400		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	77		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-22 Date Collected: 07/08/24 10:20
 Client ID: SB05_E_7_0-2 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/12/24 21:02
 Analytical Date: 07/13/24 10:39
 Analyst: CMM
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2700		ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	35000	E	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	600		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	160	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-22
Client ID: SB05_E_7_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:20
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	19000	E	ug/kg	110	20.	1
Benzo(a)pyrene	18000	E	ug/kg	140	43.	1
Benzo(b)fluoranthene	23000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	5600		ug/kg	110	28.	1
Chrysene	20000	E	ug/kg	110	18.	1
Acenaphthylene	840		ug/kg	140	27.	1
Anthracene	7500	E	ug/kg	110	34.	1
Benzo(ghi)perylene	10000	E	ug/kg	140	21.	1
Fluorene	3000		ug/kg	180	17.	1
Phenanthrene	30000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	2600		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	10000	E	ug/kg	140	25.	1
Pyrene	36000	E	ug/kg	110	18.	1
Biphenyl	170	J	ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	1200		ug/kg	180	17.	1
2-Methylnaphthalene	610		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-22
Client ID: SB05_E_7_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:20
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	46	J	ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	2200		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	70		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-22 D Date Collected: 07/08/24 10:20
 Client ID: SB05_E_7_0-2 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/12/24 21:02
 Analytical Date: 07/14/24 17:11
 Analyst: SZ
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	65000		ug/kg	1100	200	10
Benzo(a)anthracene	29000		ug/kg	1100	200	10
Benzo(a)pyrene	27000		ug/kg	1400	430	10
Benzo(b)fluoranthene	32000		ug/kg	1100	300	10
Chrysene	28000		ug/kg	1100	180	10
Anthracene	12000		ug/kg	1100	340	10
Benzo(ghi)perylene	16000		ug/kg	1400	210	10
Phenanthrene	51000		ug/kg	1100	220	10
Indeno(1,2,3-cd)pyrene	12000		ug/kg	1400	250	10
Pyrene	63000		ug/kg	1100	180	10

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-23
Client ID: SB05_E_7_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:25
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/13/24 11:02
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 21:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		ug/kg	140	19.	1
Benzidine	ND		ug/kg	600	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	17000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	280		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	440		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-23
Client ID: SB05_E_7_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:25
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	7900	E	ug/kg	110	20.	1
Benzo(a)pyrene	7900	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	9500	E	ug/kg	110	31.	1
Benzo(k)fluoranthene	3200		ug/kg	110	29.	1
Chrysene	8300	E	ug/kg	110	19.	1
Acenaphthylene	420		ug/kg	140	28.	1
Anthracene	3200		ug/kg	110	36.	1
Benzo(ghi)perylene	4800		ug/kg	140	21.	1
Fluorene	1200		ug/kg	180	18.	1
Phenanthrene	13000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1200		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	4700		ug/kg	140	25.	1
Pyrene	16000	E	ug/kg	110	18.	1
Biphenyl	64	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	480		ug/kg	180	17.	1
2-Methylnaphthalene	220		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-23
Client ID: SB05_E_7_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:25
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	1000		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	74		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-23 D Date Collected: 07/08/24 10:25
 Client ID: SB05_E_7_2-4 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E

Extraction Date: 07/12/24 21:02

Analytical Date: 07/14/24 17:29

Analyst: SZ

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	25000		ug/kg	550	100	5
Benzo(a)anthracene	11000		ug/kg	550	100	5
Benzo(a)pyrene	10000		ug/kg	730	220	5
Benzo(b)fluoranthene	12000		ug/kg	550	150	5
Chrysene	10000		ug/kg	550	95.	5
Phenanthrene	17000		ug/kg	550	110	5
Pyrene	23000		ug/kg	550	90.	5

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-24
Client ID: SB05_E_7_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:30
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/13/24 11:26
Analyst: CMM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 07/12/24 21:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	200		ug/kg	150	20.	1
Benzidine	ND		ug/kg	620	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Azobenzene	ND		ug/kg	190	18.	1
Fluoranthene	4500		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	85	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	120	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-24

Date Collected: 07/08/24 10:30

Client ID: SB05_E_7_4-6

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	2400		ug/kg	110	21.	1
Benzo(a)pyrene	2500		ug/kg	150	46.	1
Benzo(b)fluoranthene	3100		ug/kg	110	32.	1
Benzo(k)fluoranthene	990		ug/kg	110	30.	1
Chrysene	2400		ug/kg	110	20.	1
Acenaphthylene	270		ug/kg	150	29.	1
Anthracene	690		ug/kg	110	37.	1
Benzo(ghi)perylene	1600		ug/kg	150	22.	1
Fluorene	220		ug/kg	190	18.	1
Phenanthrene	2400		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	400		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	150	26.	1
Pyrene	4100		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	93	J	ug/kg	190	18.	1
2-Methylnaphthalene	53	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-24
Client ID: SB05_E_7_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:30
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	250		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	77		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-26 Date Collected: 07/08/24 14:00
 Client ID: SB05_W_4_0-2 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/10/24 16:19
 Analytical Date: 07/12/24 06:27
 Analyst: LJG
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	62	J	ug/kg	140	18.	1
Benzidine	ND		ug/kg	590	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	1200		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	40	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-26

Date Collected: 07/08/24 14:00

Client ID: SB05_W_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	630		ug/kg	110	20.	1
Benzo(a)pyrene	550		ug/kg	140	43.	1
Benzo(b)fluoranthene	660		ug/kg	110	30.	1
Benzo(k)fluoranthene	250		ug/kg	110	28.	1
Chrysene	620		ug/kg	110	18.	1
Acenaphthylene	110	J	ug/kg	140	27.	1
Anthracene	220		ug/kg	110	35.	1
Benzo(ghi)perylene	360		ug/kg	140	21.	1
Fluorene	77	J	ug/kg	180	17.	1
Phenanthrene	750		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	86	J	ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	340		ug/kg	140	25.	1
Pyrene	1000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	40	J	ug/kg	180	17.	1
2-Methylnaphthalene	26	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	360	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-26
Client ID: SB05_W_4_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	74	J	ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	70		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-27 Date Collected: 07/08/24 14:05
 Client ID: SB05_W_4_2-4 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546
 Analytical Method: 1,8270E Extraction Date: 07/10/24 16:19
 Analytical Date: 07/12/24 06:50
 Analyst: LJG
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180		ug/kg	140	18.	1
Benzidine	ND		ug/kg	580	190	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Azobenzene	ND		ug/kg	180	17.	1
Fluoranthene	2900		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	73	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-27 Date Collected: 07/08/24 14:05
 Client ID: SB05_W_4_2-4 Date Received: 07/08/24
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	1600		ug/kg	110	20.	1
Benzo(a)pyrene	1900		ug/kg	140	43.	1
Benzo(b)fluoranthene	2400		ug/kg	110	30.	1
Benzo(k)fluoranthene	480		ug/kg	110	28.	1
Chrysene	1600		ug/kg	110	18.	1
Acenaphthylene	200		ug/kg	140	27.	1
Anthracene	710		ug/kg	110	34.	1
Benzo(ghi)perylene	1800		ug/kg	140	21.	1
Fluorene	250		ug/kg	180	17.	1
Phenanthrene	2200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	340		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	1500		ug/kg	140	25.	1
Pyrene	2700		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	120	J	ug/kg	180	17.	1
2-Methylnaphthalene	66	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
n-Nitrosodimethylamine	ND		ug/kg	350	34.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-27
Client ID: SB05_W_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:05
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	210		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	48.	1
Caprolactam	ND		ug/kg	180	54.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	67		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-28
Client ID: SB05_W_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:10
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 07/12/24 07:13
Analyst: LJG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	96	J	ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	81	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-28
Client ID: SB05_W_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:10
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	860		ug/kg	110	21.	1
Benzo(a)pyrene	830		ug/kg	150	45.	1
Benzo(b)fluoranthene	1000		ug/kg	110	31.	1
Benzo(k)fluoranthene	290		ug/kg	110	29.	1
Chrysene	830		ug/kg	110	19.	1
Acenaphthylene	120	J	ug/kg	150	28.	1
Anthracene	370		ug/kg	110	36.	1
Benzo(ghi)perylene	630		ug/kg	150	22.	1
Fluorene	160	J	ug/kg	180	18.	1
Phenanthrene	1300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	120		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	550		ug/kg	150	26.	1
Pyrene	1500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	83	J	ug/kg	180	17.	1
2-Methylnaphthalene	54	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-28
Client ID: SB05_W_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:10
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	170	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	69		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/11/24 21:36
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945455-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/11/24 21:36
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945455-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	31.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/11/24 21:36
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945455-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/11/24 21:36
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 07/10/24 16:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945455-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	96		18-120

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/13/24 08:42
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/12/24 21:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 22-24 Batch: WG1946464-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/13/24 08:42
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 07/12/24 21:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 22-24 Batch: WG1946464-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
n-Nitrosodimethylamine	ND		ug/kg	330	31.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 07/13/24 08:42
 Analyst: CMM

Extraction Method: EPA 3546
 Extraction Date: 07/12/24 21:02

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 22-24 Batch: WG1946464-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	84		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945455-2 WG1945455-3								
Acenaphthene	88		84		31-137	5		50
Benidine	39		43		10-66	10		50
1,2,4-Trichlorobenzene	94		88		38-107	7		50
Hexachlorobenzene	96		92		40-140	4		50
Bis(2-chloroethyl)ether	78		74		40-140	5		50
2-Chloronaphthalene	102		92		40-140	10		50
1,2-Dichlorobenzene	84		82		40-140	2		50
1,3-Dichlorobenzene	82		78		40-140	5		50
1,4-Dichlorobenzene	84		81		28-104	4		50
3,3'-Dichlorobenzidine	73		77		40-140	5		50
2,4-Dinitrotoluene	104		103		40-132	1		50
2,6-Dinitrotoluene	117		100		40-140	16		50
Azobenzene	96		92		40-140	4		50
Fluoranthene	103		98		40-140	5		50
4-Chlorophenyl phenyl ether	107		99		40-140	8		50
4-Bromophenyl phenyl ether	101		98		40-140	3		50
Bis(2-chloroisopropyl)ether	78		78		40-140	0		50
Bis(2-chloroethoxy)methane	86		78		40-117	10		50
Hexachlorobutadiene	116		113		40-140	3		50
Hexachlorocyclopentadiene	72		68		40-140	6		50
Hexachloroethane	93		84		40-140	10		50
Isophorone	92		83		40-140	10		50
Naphthalene	89		84		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945455-2 WG1945455-3								
Nitrobenzene	103		94		40-140	9		50
NDPA/DPA	96		92		36-157	4		50
n-Nitrosodi-n-propylamine	94		87		32-121	8		50
Bis(2-ethylhexyl)phthalate	82		81		40-140	1		50
Butyl benzyl phthalate	94		91		40-140	3		50
Di-n-butylphthalate	94		88		40-140	7		50
Di-n-octylphthalate	79		80		40-140	1		50
Diethyl phthalate	96		91		40-140	5		50
Dimethyl phthalate	110		96		40-140	14		50
Benzo(a)anthracene	94		93		40-140	1		50
Benzo(a)pyrene	89		91		40-140	2		50
Benzo(b)fluoranthene	84		88		40-140	5		50
Benzo(k)fluoranthene	93		92		40-140	1		50
Chrysene	94		92		40-140	2		50
Acenaphthylene	105		91		40-140	14		50
Anthracene	95		91		40-140	4		50
Benzo(ghi)perylene	93		91		40-140	2		50
Fluorene	91		88		40-140	3		50
Phenanthrene	92		86		40-140	7		50
Dibenzo(a,h)anthracene	94		90		40-140	4		50
Indeno(1,2,3-cd)pyrene	91		88		40-140	3		50
Pyrene	104		101		35-142	3		50
Biphenyl	92		82		37-127	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945455-2 WG1945455-3								
4-Chloroaniline	86		80		40-140	7		50
2-Nitroaniline	109		96		47-134	13		50
3-Nitroaniline	79		77		26-129	3		50
4-Nitroaniline	89		85		41-125	5		50
Dibenzofuran	95		91		40-140	4		50
2-Methylnaphthalene	94		89		40-140	5		50
1,2,4,5-Tetrachlorobenzene	113		103		40-117	9		50
Acetophenone	85		77		14-144	10		50
n-Nitrosodimethylamine	82		67		22-100	20		50
2,4,6-Trichlorophenol	119		109		30-130	9		50
p-Chloro-m-cresol	105	Q	98		26-103	7		50
2-Chlorophenol	87		83		25-102	5		50
2,4-Dichlorophenol	96		92		30-130	4		50
2,4-Dimethylphenol	88		81		30-130	8		50
2-Nitrophenol	99		89		30-130	11		50
4-Nitrophenol	106		102		11-114	4		50
2,4-Dinitrophenol	96		89		4-130	8		50
4,6-Dinitro-o-cresol	118		115		10-130	3		50
Pentachlorophenol	83		80		17-109	4		50
Phenol	92	Q	85		26-90	8		50
2-Methylphenol	87		84		30-130	4		50
3-Methylphenol/4-Methylphenol	100		88		30-130	13		50
2,4,5-Trichlorophenol	126		112		30-130	12		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945455-2 WG1945455-3								
Benzoic Acid	51		40		10-110	24		50
Benzyl Alcohol	98		97		40-140	1		50
Carbazole	91		86		54-128	6		50
Atrazine	100		103		40-140	3		50
Benzaldehyde	71		67		40-140	6		50
Caprolactam	93		89		15-130	4		50
2,3,4,6-Tetrachlorophenol	113		113		40-140	0		50
1,4-Dioxane	56		56		40-140	0		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	86		79		25-120
Phenol-d6	82		77		10-120
Nitrobenzene-d5	99		91		23-120
2-Fluorobiphenyl	99		87		30-120
2,4,6-Tribromophenol	87		82		10-136
4-Terphenyl-d14	95		93		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-24 Batch: WG1946464-2 WG1946464-3								
Acenaphthene	73		80		31-137	9		50
Benzidine	21		29		10-66	32		50
1,2,4-Trichlorobenzene	75		82		38-107	9		50
Hexachlorobenzene	72		78		40-140	8		50
Bis(2-chloroethyl)ether	72		76		40-140	5		50
2-Chloronaphthalene	79		84		40-140	6		50
1,2-Dichlorobenzene	69		73		40-140	6		50
1,3-Dichlorobenzene	69		73		40-140	6		50
1,4-Dichlorobenzene	69		74		28-104	7		50
3,3'-Dichlorobenzidine	58		77		40-140	28		50
2,4-Dinitrotoluene	89		95		40-132	7		50
2,6-Dinitrotoluene	96		102		40-140	6		50
Azobenzene	67		71		40-140	6		50
Fluoranthene	80		84		40-140	5		50
4-Chlorophenyl phenyl ether	77		83		40-140	8		50
4-Bromophenyl phenyl ether	78		85		40-140	9		50
Bis(2-chloroisopropyl)ether	73		80		40-140	9		50
Bis(2-chloroethoxy)methane	82		85		40-117	4		50
Hexachlorobutadiene	72		78		40-140	8		50
Hexachlorocyclopentadiene	90		98		40-140	9		50
Hexachloroethane	69		72		40-140	4		50
Isophorone	77		82		40-140	6		50
Naphthalene	73		78		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-24 Batch: WG1946464-2 WG1946464-3								
Nitrobenzene	75		80		40-140	6		50
NDPA/DPA	78		85		36-157	9		50
n-Nitrosodi-n-propylamine	74		78		32-121	5		50
Bis(2-ethylhexyl)phthalate	82		88		40-140	7		50
Butyl benzyl phthalate	90		95		40-140	5		50
Di-n-butylphthalate	79		84		40-140	6		50
Di-n-octylphthalate	86		93		40-140	8		50
Diethyl phthalate	72		77		40-140	7		50
Dimethyl phthalate	81		85		40-140	5		50
Benzo(a)anthracene	76		82		40-140	8		50
Benzo(a)pyrene	78		85		40-140	9		50
Benzo(b)fluoranthene	80		84		40-140	5		50
Benzo(k)fluoranthene	76		82		40-140	8		50
Chrysene	77		83		40-140	8		50
Acenaphthylene	76		81		40-140	6		50
Anthracene	80		85		40-140	6		50
Benzo(ghi)perylene	77		84		40-140	9		50
Fluorene	76		82		40-140	8		50
Phenanthrene	77		82		40-140	6		50
Dibenzo(a,h)anthracene	78		85		40-140	9		50
Indeno(1,2,3-cd)pyrene	80		88		40-140	10		50
Pyrene	81		86		35-142	6		50
Biphenyl	80		84		37-127	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-24 Batch: WG1946464-2 WG1946464-3								
4-Chloroaniline	61		68		40-140	11		50
2-Nitroaniline	98		104		47-134	6		50
3-Nitroaniline	75		86		26-129	14		50
4-Nitroaniline	77		84		41-125	9		50
Dibenzofuran	72		77		40-140	7		50
2-Methylnaphthalene	82		86		40-140	5		50
1,2,4,5-Tetrachlorobenzene	80		86		40-117	7		50
Acetophenone	79		83		14-144	5		50
n-Nitrosodimethylamine	68		74		22-100	8		50
2,4,6-Trichlorophenol	91		96		30-130	5		50
p-Chloro-m-cresol	82		87		26-103	6		50
2-Chlorophenol	80		86		25-102	7		50
2,4-Dichlorophenol	88		94		30-130	7		50
2,4-Dimethylphenol	87		93		30-130	7		50
2-Nitrophenol	97		104		30-130	7		50
4-Nitrophenol	82		85		11-114	4		50
2,4-Dinitrophenol	94		101		4-130	7		50
4,6-Dinitro-o-cresol	100		109		10-130	9		50
Pentachlorophenol	72		78		17-109	8		50
Phenol	79		85		26-90	7		50
2-Methylphenol	85		91		30-130.	7		50
3-Methylphenol/4-Methylphenol	87		89		30-130	2		50
2,4,5-Trichlorophenol	90		97		30-130	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 22-24 Batch: WG1946464-2 WG1946464-3								
Benzoic Acid	49		55		10-110	12		50
Benzyl Alcohol	75		79		40-140	5		50
Carbazole	81		86		54-128	6		50
Atrazine	65		82		40-140	23		50
Benzaldehyde	67		73		40-140	9		50
Caprolactam	110		116		15-130	5		50
2,3,4,6-Tetrachlorophenol	86		94		40-140	9		50
1,4-Dioxane	48		55		40-140	14		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	77		83		25-120
Phenol-d6	78		81		10-120
Nitrobenzene-d5	73		77		23-120
2-Fluorobiphenyl	78		80		30-120
2,4,6-Tribromophenol	69		75		10-136
4-Terphenyl-d14	76		80		18-120

METALS

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-01

Date Collected: 07/08/24 12:10

Client ID: SB05_N_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/10/24 17:12

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.358	J	mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 09:23	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-01

Date Collected: 07/08/24 12:10

Client ID: SB05_N_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	361		mg/kg	4.19	0.224	2	07/10/24 14:57	07/11/24 23:40	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-02

Date Collected: 07/08/24 12:15

Client ID: SB05_N_4_2-4

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/10/24 17:12

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.175	J	mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 09:35	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-02

Date Collected: 07/08/24 12:15

Client ID: SB05_N_4_2-4

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	350		mg/kg	4.18	0.224	2	07/10/24 14:57	07/11/24 23:46	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-03

Date Collected: 07/08/24 12:20

Client ID: SB05_N_4_4-6

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/10/24 17:12

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 09:39	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-03

Date Collected: 07/08/24 12:20

Client ID: SB05_N_4_4-6

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	21.7		mg/kg	4.14	0.222	2	07/10/24 14:57	07/11/24 23:52	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-10

Date Collected: 07/08/24 12:40

Client ID: SB05_S_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/10/24 17:12

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.106	J	mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 09:43	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-10

Date Collected: 07/08/24 12:40

Client ID: SB05_S_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	406		mg/kg	4.13	0.221	2	07/10/24 14:57	07/11/24 23:58	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-11
 Client ID: SB05_S_4_2-4
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:45
 Date Received: 07/08/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 95%

TCLP/SPLP Ext. Date: 07/10/24 17:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.598		mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 09:47	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-11

Date Collected: 07/08/24 12:45

Client ID: SB05_S_4_2-4

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	414		mg/kg	4.18	0.224	2	07/10/24 14:57	07/12/24 00:03	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-12
 Client ID: SB05_S_4_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:50
 Date Received: 07/08/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 79%

TCLP/SPLP Ext. Date: 07/10/24 17:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.619		mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 09:51	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-12

Date Collected: 07/08/24 12:50

Client ID: SB05_S_4_4-6

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	548		mg/kg	4.90	0.263	2	07/10/24 14:57	07/12/24 00:09	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-18
 Client ID: SB05_E_4_0-2
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:40
 Date Received: 07/08/24
 Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/10/24 17:12
 Matrix: Soil
 Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.181	J	mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 10:09	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-18

Date Collected: 07/08/24 09:40

Client ID: SB05_E_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	204		mg/kg	4.21	0.226	2	07/10/24 14:57	07/12/24 00:15	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-19
 Client ID: SB05_E_4_2-4
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:45
 Date Received: 07/08/24
 Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/10/24 17:12
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	5.02		mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 10:13	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-19

Date Collected: 07/08/24 09:45

Client ID: SB05_E_4_2-4

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	628		mg/kg	4.15	0.222	2	07/10/24 14:57	07/12/24 00:31	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-20

Date Collected: 07/08/24 09:50

Client ID: SB05_E_4_4-6

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/10/24 17:12

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	1.47		mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 10:17	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-20

Date Collected: 07/08/24 09:50

Client ID: SB05_E_4_4-6

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	225		mg/kg	4.34	0.232	2	07/10/24 14:57	07/12/24 00:37	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-22
 Client ID: SB05_E_7_0-2
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:20
 Date Received: 07/08/24
 Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/13/24 04:20
 Matrix: Soil
 Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.350	J	mg/l	0.500	0.0270	1	07/14/24 22:20	07/15/24 10:52	EPA 3015	1,6010D	TAA
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-22

Date Collected: 07/08/24 10:20

Client ID: SB05_E_7_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	174		mg/kg	4.18	0.224	2	07/13/24 12:45	07/14/24 15:48	EPA 3050B	1,6010D	TAA



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-23

Date Collected: 07/08/24 10:25

Client ID: SB05_E_7_2-4

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/13/24 04:20

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.511		mg/l	0.500	0.0270	1	07/14/24 22:20	07/15/24 11:08	EPA 3015	1,6010D	TAA
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-23

Date Collected: 07/08/24 10:25

Client ID: SB05_E_7_2-4

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	424		mg/kg	4.28	0.230	2	07/13/24 12:45	07/14/24 15:38	EPA 3050B	1,6010D	TAA



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-24
 Client ID: SB05_E_7_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:30
 Date Received: 07/08/24
 Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/13/24 04:20
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.249	J	mg/l	0.500	0.0270	1	07/14/24 22:20	07/15/24 11:12	EPA 3015	1,6010D	TAA
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Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-24
 Client ID: SB05_E_7_4-6
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:30
 Date Received: 07/08/24
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	49.4		mg/kg	4.51	0.242	2	07/13/24 12:45	07/14/24 15:41	EPA 3050B	1,6010D	TAA



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-26

Date Collected: 07/08/24 14:00

Client ID: SB05_W_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/10/24 17:12

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.142	J	mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 10:21	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-26

Date Collected: 07/08/24 14:00

Client ID: SB05_W_4_0-2

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	585		mg/kg	4.14	0.222	2	07/10/24 14:57	07/12/24 00:42	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-27
 Client ID: SB05_W_4_2-4
 Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:05
 Date Received: 07/08/24
 Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/10/24 17:12
 Matrix: Soil
 Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.285	J	mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 10:25	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-27

Date Collected: 07/08/24 14:05

Client ID: SB05_W_4_2-4

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	244		mg/kg	4.24	0.227	2	07/10/24 14:57	07/12/24 00:48	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-28

Date Collected: 07/08/24 14:10

Client ID: SB05_W_4_4-6

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

TCLP/SPLP Ext. Date: 07/10/24 17:12

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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TCLP Metals by EPA 1311 - Mansfield Lab

Lead, TCLP	0.116	J	mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 10:29	EPA 3015	1,6010D	JMF
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Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**SAMPLE RESULTS**

Lab ID: L2438248-28

Date Collected: 07/08/24 14:10

Client ID: SB05_W_4_4-6

Date Received: 07/08/24

Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN,
NY 11223

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	152		mg/kg	4.39	0.236	2	07/10/24 14:57	07/12/24 00:54	EPA 3050B	1,6010D	JMF



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945141-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	07/10/24 14:57	07/11/24 22:05	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945955-1									
Lead, TCLP	ND	mg/l	0.500	0.0270	1	07/12/24 00:45	07/12/24 09:15	1,6010D	JMF

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/09/24 06:09

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 22-24 Batch: WG1946578-1									
Lead, Total	ND	mg/kg	2.00	0.107	1	07/13/24 12:45	07/14/24 15:31	1,6010D	TAA

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 22-24 Batch: WG1946778-1									
Lead, TCLP	ND	mg/l	0.500	0.0270	1	07/14/24 22:20	07/15/24 10:24	1,6010D	TAA

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/12/24 22:10

Lab Control Sample Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Lab Number: L2438248

Project Number: 170702901

Report Date: 07/23/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945141-2								
Lead, Total	100		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-03,10-12,18-20,26-28 Batch: WG1945955-2								
Lead, TCLP	93		-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 22-24 Batch: WG1946578-2								
Lead, Total	98		-		80-120	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 22-24 Batch: WG1946778-2								
Lead, TCLP	94		-		75-125	-		20



Matrix Spike Analysis Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,10-12,18-20,26-28 QC Batch ID: WG1945141-3 QC Sample: L2438407-01 Client ID: MS Sample												
Lead, Total	14.3	53.9	68.2	100		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-03,10-12,18-20,26-28 QC Batch ID: WG1945955-3 QC Sample: L2438248-01 Client ID: SB05_N_4_0-2												
Lead, TCLP	0.358J	5.3	5.18	98		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 22-24 QC Batch ID: WG1946578-3 QC Sample: L2438248-22 Client ID: SB05_E_7_0-2												
Lead, Total	174	44.6	273	222	Q	-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 22-24 QC Batch ID: WG1946778-3 QC Sample: L2438248-22 Client ID: SB05_E_7_0-2												
Lead, TCLP	0.350J	5.3	5.73	108		-	-		75-125	-		20



Lab Duplicate Analysis
Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01-03,10-12,18-20,26-28 QC Batch ID: WG1945955-4 QC Sample: L2438248-01 Client ID: SB05_N_4_0-2						
Lead, TCLP	0.358J	0.351J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 22-24 QC Batch ID: WG1946578-4 QC Sample: L2438248-22 Client ID: SB05_E_7_0-2						
Lead, Total	174	180	mg/kg	3		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 22-24 QC Batch ID: WG1946778-4 QC Sample: L2438248-22 Client ID: SB05_E_7_0-2						
Lead, TCLP	0.350J	0.350J	mg/l	NC		20



INORGANICS & MISCELLANEOUS

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-01
Client ID: SB05_N_4_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:10
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-02
Client ID: SB05_N_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:15
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-03
Client ID: SB05_N_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:20
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-10
Client ID: SB05_S_4_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:40
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-11
Client ID: SB05_S_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:45
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-12
Client ID: SB05_S_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 12:50
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.6		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-18
Client ID: SB05_E_4_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:40
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-19
Client ID: SB05_E_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:45
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-20
Client ID: SB05_E_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 09:50
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-22
Client ID: SB05_E_7_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:20
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	07/13/24 08:54	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-23
Client ID: SB05_E_7_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:25
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/13/24 08:54	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-24
Client ID: SB05_E_7_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 10:30
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	07/13/24 08:54	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-26
Client ID: SB05_W_4_0-2
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:00
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-27
Client ID: SB05_W_4_2-4
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:05
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

Lab Number: L2438248
Report Date: 07/23/24

SAMPLE RESULTS

Lab ID: L2438248-28
Client ID: SB05_W_4_4-6
Sample Location: 2295-2231 WEST 11TH STREET, BROOKLYN, NY 11223

Date Collected: 07/08/24 14:10
Date Received: 07/08/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	07/09/24 07:43	121,2540G	ROI



Lab Duplicate Analysis

Batch Quality Control

Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Lab Number: L2438248

Report Date: 07/23/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03,10-12,18-20,26-28 QC Batch ID: WG1944666-1 QC Sample: L2438218-01 Client ID: DUP Sample						
Solids, Total	91.0	91.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 22-24 QC Batch ID: WG1946518-1 QC Sample: L2435976-46 Client ID: DUP Sample						
Solids, Total	81.1	81.8	%	1		20

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**Sample Receipt and Container Information**

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438248-01A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		PB-TI(180)
L2438248-01B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-01X	Plastic 120ml HNO3 preserved Extracts	D	NA		4.8	Y	Absent		PB-CI(180)
L2438248-01X9	Tumble Vessel	D	NA		4.8	Y	Absent		-
L2438248-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2438248-02B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-02X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.6	Y	Absent		PB-CI(180)
L2438248-02X9	Tumble Vessel	A	NA		3.6	Y	Absent		-
L2438248-03A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		PB-TI(180)
L2438248-03B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-03X	Plastic 120ml HNO3 preserved Extracts	D	NA		4.8	Y	Absent		PB-CI(180)
L2438248-03X9	Tumble Vessel	D	NA		4.8	Y	Absent		-
L2438248-04A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		HOLD-METAL(180)
L2438248-04B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-05B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-06B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		HOLD-METAL(180)

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438248-07B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-08B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-09A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-09B	Glass 120ml/4oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2438248-09C	Glass 500ml/16oz unpreserved	C	NA		3.6	Y	Absent		HOLD-8151(14),HOLD-WETCHEM(),HOLD-8081(14),HOLD-8270(14),HOLD-8082(14)
L2438248-09X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-09X9	Tumble Vessel	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-10A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		PB-TI(180)
L2438248-10B	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-10X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.6	Y	Absent		PB-CI(180)
L2438248-10X9	Tumble Vessel	C	NA		3.6	Y	Absent		-
L2438248-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2438248-11B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-11X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.6	Y	Absent		PB-CI(180)
L2438248-11X9	Tumble Vessel	A	NA		3.6	Y	Absent		-
L2438248-12A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		PB-TI(180)
L2438248-12B	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-12X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.6	Y	Absent		PB-CI(180)
L2438248-12X9	Tumble Vessel	C	NA		3.6	Y	Absent		-
L2438248-13A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-13B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-14A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-14B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-15A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-15B	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438248-16A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-16B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-17A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-17B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-18A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2438248-18B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-18X	Plastic 120ml HNO3 preserved Extracts	A	NA		3.6	Y	Absent		PB-CI(180)
L2438248-18X9	Tumble Vessel	A	NA		3.6	Y	Absent		-
L2438248-19A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		PB-TI(180)
L2438248-19B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-19X	Plastic 120ml HNO3 preserved Extracts	D	NA		4.8	Y	Absent		PB-CI(180)
L2438248-19X9	Tumble Vessel	D	NA		4.8	Y	Absent		-
L2438248-20A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		PB-TI(180)
L2438248-20B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-20X	Plastic 120ml HNO3 preserved Extracts	D	NA		4.8	Y	Absent		PB-CI(180)
L2438248-20X9	Tumble Vessel	D	NA		4.8	Y	Absent		-
L2438248-21A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		HOLD-METAL(180)
L2438248-21B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-22A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		PB-TI(180)
L2438248-22B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-22X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2438248-22X9	Tumble Vessel	NA	NA			Y	Absent		-
L2438248-23A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		PB-TI(180)
L2438248-23B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-23X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2438248-23X9	Tumble Vessel	NA	NA			Y	Absent		-
L2438248-24A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		PB-TI(180)

Project Name: MARLBORO AGRICULTURAL EDCENTER**Lab Number:** L2438248**Project Number:** 170702901**Report Date:** 07/23/24**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438248-24B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-24X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		PB-CI(180)
L2438248-24X9	Tumble Vessel	NA	NA			Y	Absent		-
L2438248-25A	Metals Only-Glass 60mL/2oz unpreserved	D	NA		4.8	Y	Absent		HOLD-METAL(180)
L2438248-25B	Glass 250ml/8oz unpreserved	D	NA		4.8	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-26A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		PB-TI(180)
L2438248-26B	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-26X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.6	Y	Absent		PB-CI(180)
L2438248-26X9	Tumble Vessel	C	NA		3.6	Y	Absent		-
L2438248-27A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		PB-TI(180)
L2438248-27B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-27X	Plastic 120ml HNO3 preserved Extracts	B	NA		3.6	Y	Absent		PB-CI(180)
L2438248-27X9	Tumble Vessel	B	NA		3.6	Y	Absent		-
L2438248-28A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		PB-TI(180)
L2438248-28B	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		NYTCL-8270(14),TS(7)
L2438248-28X	Plastic 120ml HNO3 preserved Extracts	C	NA		3.6	Y	Absent		PB-CI(180)
L2438248-28X9	Tumble Vessel	C	NA		3.6	Y	Absent		-
L2438248-29A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-29B	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-30A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-30B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-31A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-31B	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-32A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.6	Y	Absent		HOLD-METAL(180)
L2438248-32B	Glass 250ml/8oz unpreserved	A	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)
L2438248-33A	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.6	Y	Absent		HOLD-METAL(180)

Project Name: MARLBORO AGRICULTURAL EDCENTER

Project Number: 170702901

Serial_No:07232408:55

Lab Number: L2438248

Report Date: 07/23/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2438248-33B	Glass 250ml/8oz unpreserved	C	NA		3.6	Y	Absent		HOLD-CONTINGENCY(14),HOLD-WETCHEM(),HOLD-8270(14)

Project Name: MARLBORO AGRICULTURAL EDCENTER
Project Number: 170702901

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MARLBORO AGRICULTURAL EDCENTER
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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MARLBORO AGRICULTURAL EDCENTER
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: EPA RSK-175 Dissolved Gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.


EPA 245.1 Hg.


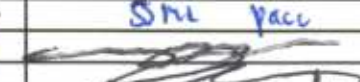
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 36 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page 1 of 4	Date Rec'd in Lab 7/9/24	ALPHA Job # L2438248																																																																																																																			
		Project Information Project Name: Marlboro Agricultural Education Center Project Location: 2295-2231 West 11th Street, Brooklyn, NY 11223 Project #: 170702901 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input checked="" type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																																																		
Client Information Client: Langan Address: 360 West 31st Street, 8th Floor New York, NY 10001 Phone: 212.479.5400 Fax: Email: pmcmahon@langan.com		Project Manager: Paul McMahon ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ NY <input type="checkbox"/> <input type="checkbox"/> Other:																																																																																																																		
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Copy L.grose@langan.com and DataManagement@langan.com on laboratory results Please specify Metals or TAL.				ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments																																																																																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> <th rowspan="2">Total/TCLP Lead</th> <th rowspan="2">Total SVOCs</th> <th rowspan="2">Total/TCLP Lead (HOLD)</th> <th rowspan="2">Total SVOCs (HOLD)</th> <th rowspan="2">Part 375/TCL SVOCs, PCBs, Pesticides, Herbicides, Part 375/TAL Metals (including hexavalent and trivalent chromium), Total CN, TCLP Metals, RCRA Characteristics</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>38248-01</td> <td>SB05_N_4_0-2</td> <td>7/8/2024</td> <td>10:10</td> <td>S</td> <td>RL</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>02</td> <td>SB05_N_4_2-4</td> <td>7/8/2024</td> <td>10:15</td> <td>S</td> <td>RL</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>03</td> <td>SB05_N_4_4-6</td> <td>7/8/2024</td> <td>10:20</td> <td>S</td> <td>RL</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>04</td> <td>SB05_N_4_6-8</td> <td>7/8/2024</td> <td>10:25</td> <td>S</td> <td>RL</td> <td></td> <td></td> <td>X</td> <td>X</td> <td></td> </tr> <tr> <td>05</td> <td>SB05_N_7_0-2</td> <td>7/8/2024</td> <td>11:40</td> <td>S</td> <td>RL</td> <td></td> <td></td> <td>X</td> <td>X</td> <td rowspan="5" style="text-align: center; vertical-align: middle; font-size: 2em;">HOLD</td> </tr> <tr> <td>06</td> <td>SB05_N_7_2-4</td> <td>7/8/2024</td> <td>11:45</td> <td>S</td> <td>RL</td> <td></td> <td></td> <td>X</td> <td>X</td> </tr> <tr> <td>07</td> <td>SB05_N_7_4-6</td> <td>7/8/2024</td> <td>11:50</td> <td>S</td> <td>RL</td> <td></td> <td></td> <td>X</td> <td>X</td> </tr> <tr> <td>08</td> <td>SB05_N_7_6-8</td> <td>7/8/2024</td> <td>11:55</td> <td>S</td> <td>RL</td> <td></td> <td></td> <td>X</td> <td>X</td> </tr> <tr> <td>09</td> <td>WC03_COMP_0-6</td> <td>7/8/2024</td> <td>15:30</td> <td>S</td> <td>RL</td> <td></td> <td></td> <td></td> <td></td> <td>X</td> </tr> </tbody> </table>				ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Total/TCLP Lead	Total SVOCs	Total/TCLP Lead (HOLD)	Total SVOCs (HOLD)	Part 375/TCL SVOCs, PCBs, Pesticides, Herbicides, Part 375/TAL Metals (including hexavalent and trivalent chromium), Total CN, TCLP Metals, RCRA Characteristics	Date	Time	38248-01	SB05_N_4_0-2	7/8/2024	10:10	S	RL	X	X				02	SB05_N_4_2-4	7/8/2024	10:15	S	RL	X	X				03	SB05_N_4_4-6	7/8/2024	10:20	S	RL	X	X				04	SB05_N_4_6-8	7/8/2024	10:25	S	RL			X	X		05	SB05_N_7_0-2	7/8/2024	11:40	S	RL			X	X	HOLD	06	SB05_N_7_2-4	7/8/2024	11:45	S	RL			X	X	07	SB05_N_7_4-6	7/8/2024	11:50	S	RL			X	X	08	SB05_N_7_6-8	7/8/2024	11:55	S	RL			X	X	09	WC03_COMP_0-6	7/8/2024	15:30	S	RL					X	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Preservative Code: A = None B = HCl C = HNO₃ D = H₂SO₄ E = NaOH F = MeOH G = NaHSO₄ H = Na₂S₂O₃ K/E = Zn Ac/NaOH O = Other</td> <td>Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube E = Encore D = BOD Bottle</td> <td>Westboro: Certification No: MA935 Mansfield: Certification No: MA015</td> <td>Container Type</td> <td>Preservative</td> </tr> </table>		Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type	Preservative	Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS .
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection				Sample Matrix	Sampler's Initials								Total/TCLP Lead	Total SVOCs	Total/TCLP Lead (HOLD)	Total SVOCs (HOLD)	Part 375/TCL SVOCs, PCBs, Pesticides, Herbicides, Part 375/TAL Metals (including hexavalent and trivalent chromium), Total CN, TCLP Metals, RCRA Characteristics																																																																																																					
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09	WC03_COMP_0-6	7/8/2024	15:30	S	RL						X																																																																																																													
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28	SB05_W_4_4-6'	7/8/2024 14:10	S RL	X X		
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32	SB05_W_7_4-6'	7/8/2024 14:40	S RL	X X		
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Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH P = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type Preservative	Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS .		
Relinquished By:		Date/Time	Received By:		Date/Time	
Roswell Lo /Langan 		7/8/24 16:00 7-8-24 1818 7/8/24 130	SML Yacc  [Signature] [Signature]		7-8-24 1614 7/8/24 18:30 7/8/24 2200 7/9/24 01:30	